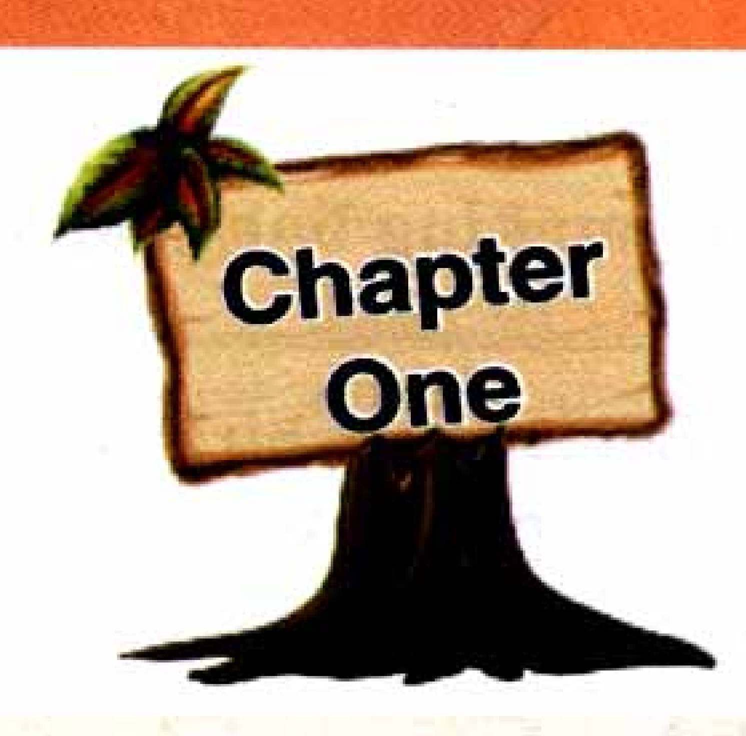


Graphical Representation



Key Vocabulary



Acting	تمثيل
Addition	الجمع
Bar graph	تمثيل بيانى
Beans	فول
Birthday	يوم ميلاد
Calender	التقويم
Categories	تصنيف
Cheese	جبنة
Column	عمود
Compare	يقارن
Data	بيانات
Dice	حجر نرد
Difference	الفرق
Equal	يساوى
Favourite	مفضل
Fewest	الأقل
Graph	رسم
Greater than	أكبر من
Greenburger	طعمية

Horizontal	أفقى
Key	مفتاح
Least	أقل
Less than	أقل من
Most	الأكثر
Must	يجب
Order	ترتيب
Pictograph	رسم تصويرى
Pupil	تلميذ
Quantity	كمية
Roll	يدحرج
Row	صف
Scale	مقياس
Singing	غناء
Skip Counting	العد بالتخطى
Subtraction	الطرح
Sum	مجموع
Vertical	رأسى

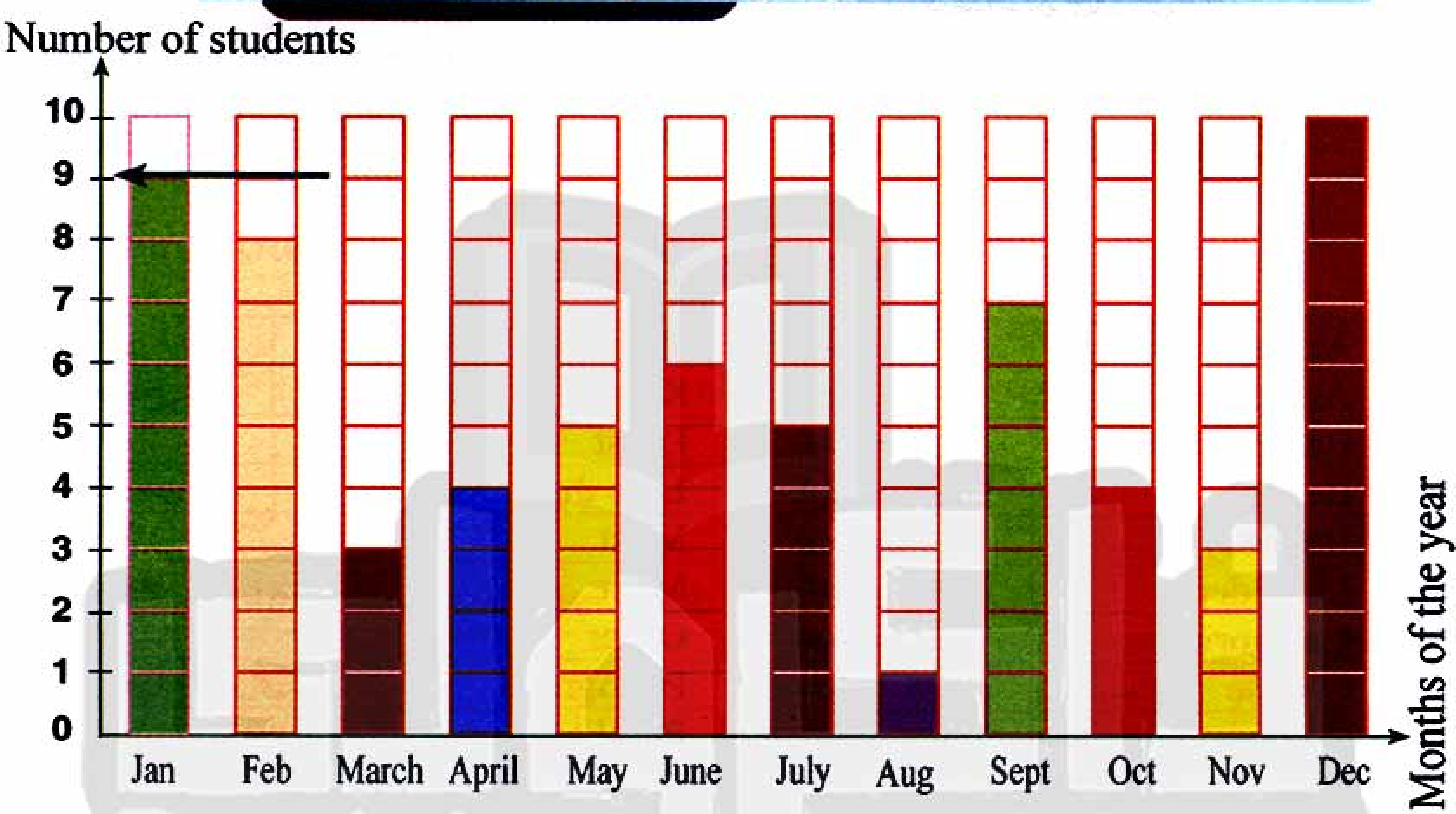
Content

- Bakkar Self Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise insipred by Math Jornal
- Exercise inspired by Discover Book

Lesson (1 , 2)

Collecting data and making bar graph

Activity 1 By asking some pupils about their birthdays and write the number of each month then represent it by bar graph.



From the graph complete as EX :

EX : The number of student whose birthdays in January = ...9...

a) Number of student whose birthday in February = ...

b) Number of student whose birthday in march = ...

c) Number of student whose birthday in April = ...

d) The month which has the most number of births = ...

e) The month which has the least number of births = ...

f) Number of students who have birthdays that like your birthday = ...

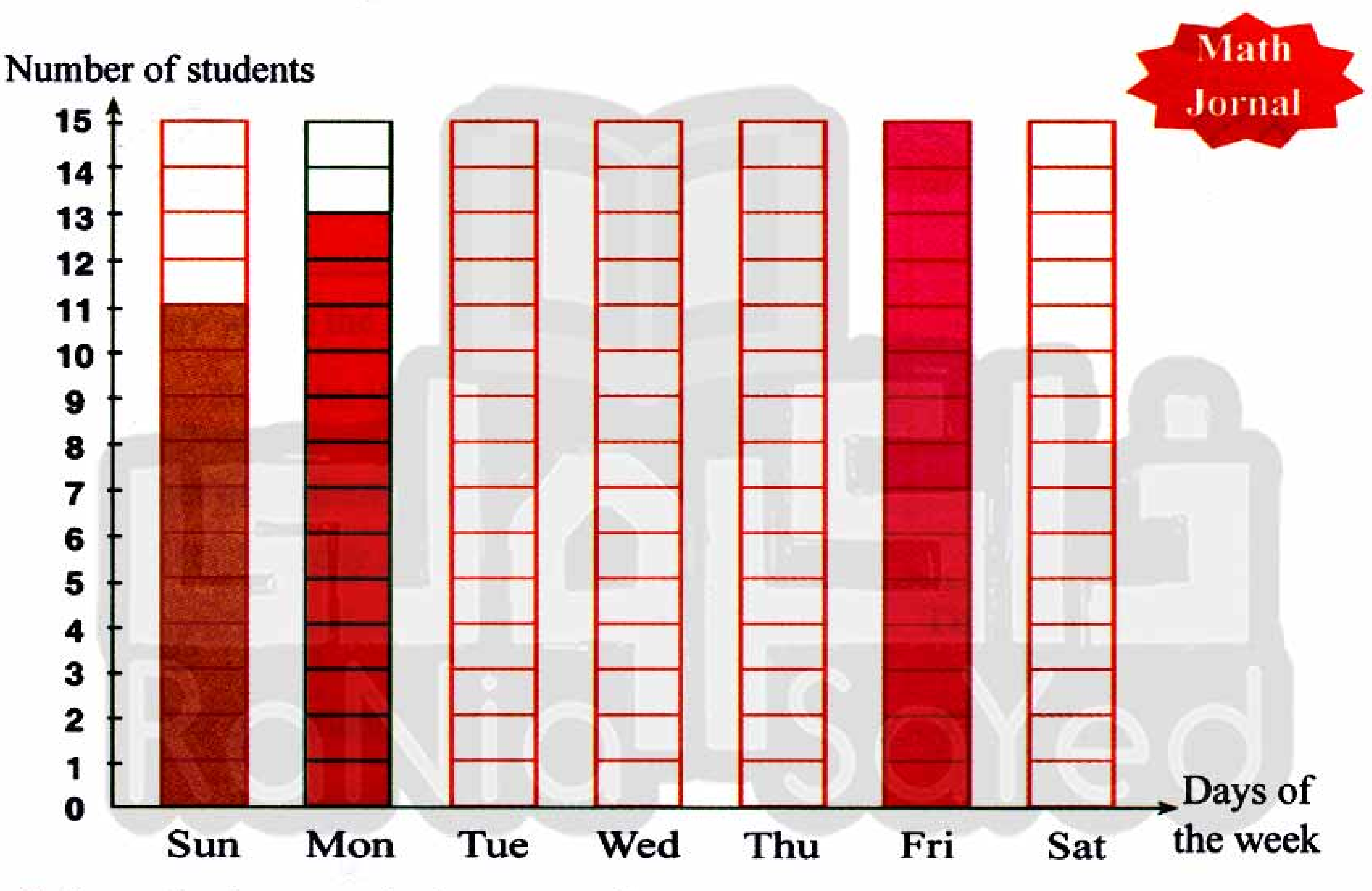
Chapter 1

Activity 2 **By asking some pupils about the favourite days of the week and representing it by bar graph.**

Sunday 11 pupil , Monday 13 pupil , Tuesday 5 pupil , Wednesday 2 pupil

Thursday 14 pupil , Friday 15 pupil , Saturday 13 pupil.

Math Jornal



Colour the bar graph then complete :

a) The favourite day for the pupils in the class is = ...

b) Number of pupils who prefer Monday = ...

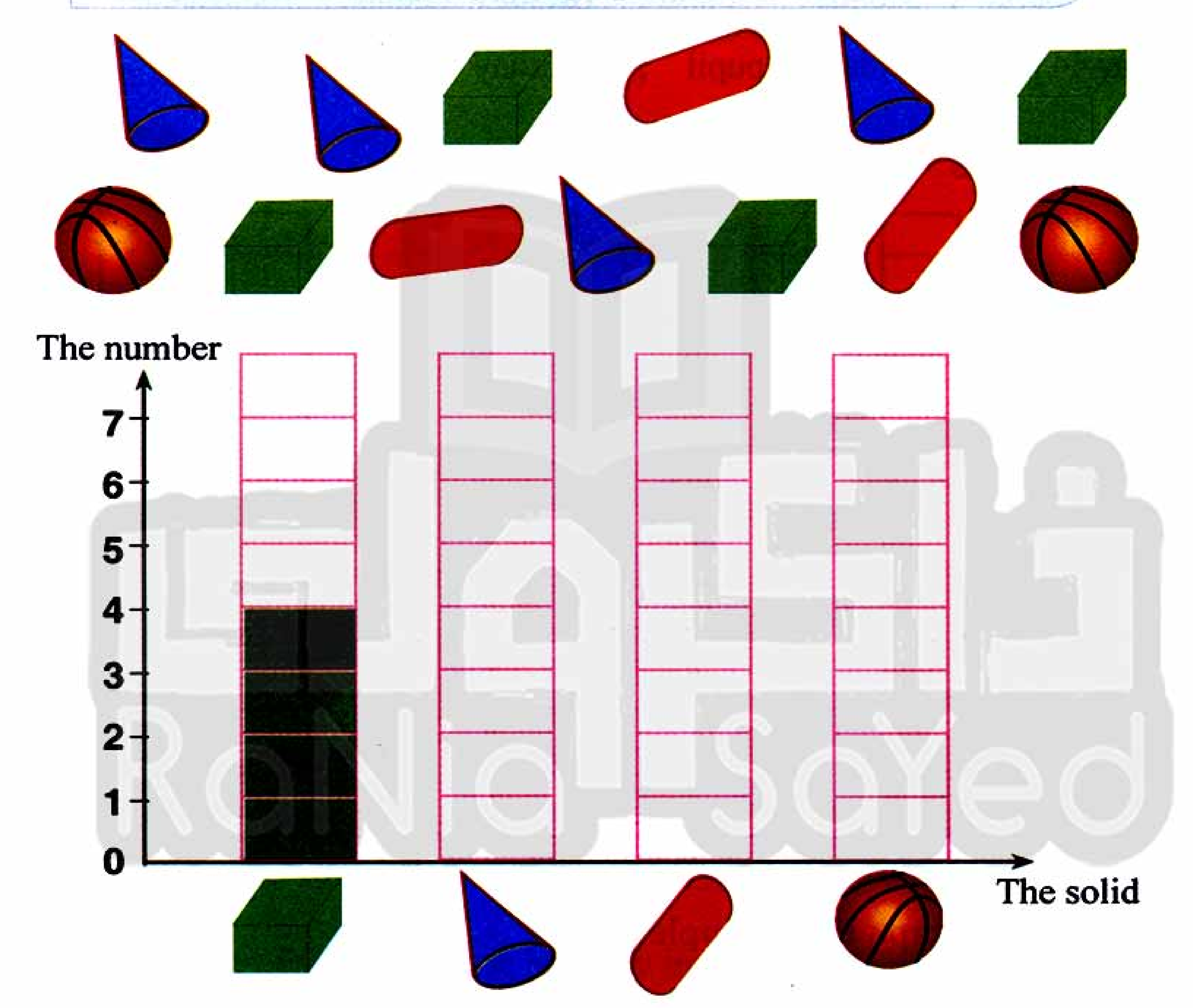
c) Put (√ , ×) :

- Number of pupils who prefer Saturday more than the number of pupils who prefer Sunday ( )
- Number of pupils who prefer Sunday less than 12 . ( )



Self - check on lesson (1, 2)

1 A student enter to the class and find the next solids on the table without arrangement , represent the number of solid by colouring the graph :



a Number of [cube] = ...

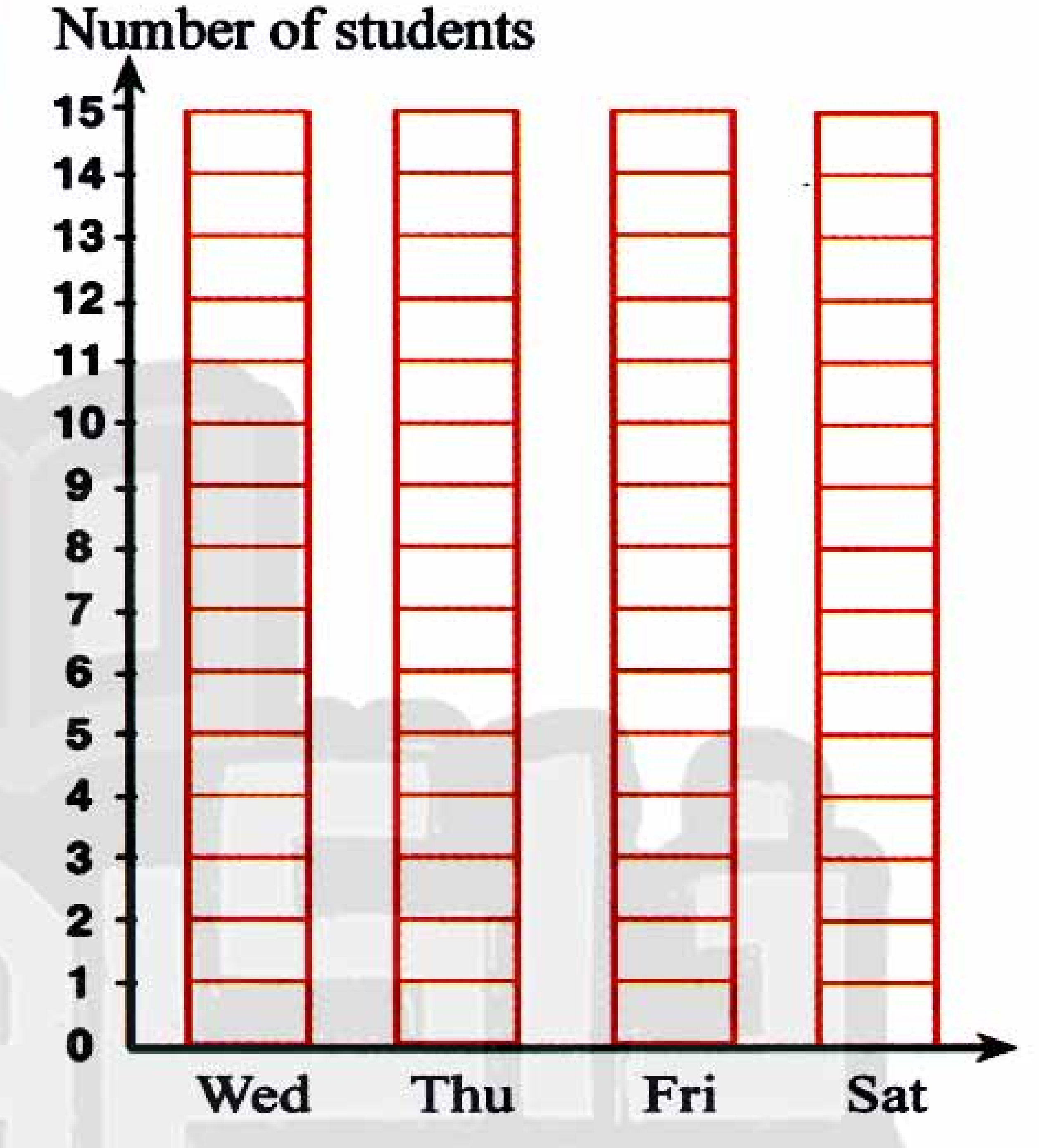
b Number of blue solids = ...

c Choose : Number of ([cylinder] , [ball]) more than 2



2 The following table show number of pupils who attending a theatre activity at school on 4 days , represent this data by colouring the graph then complete :

The day	Number of pupils
Wed	14
Thu	12
Fri	10
Sat	9



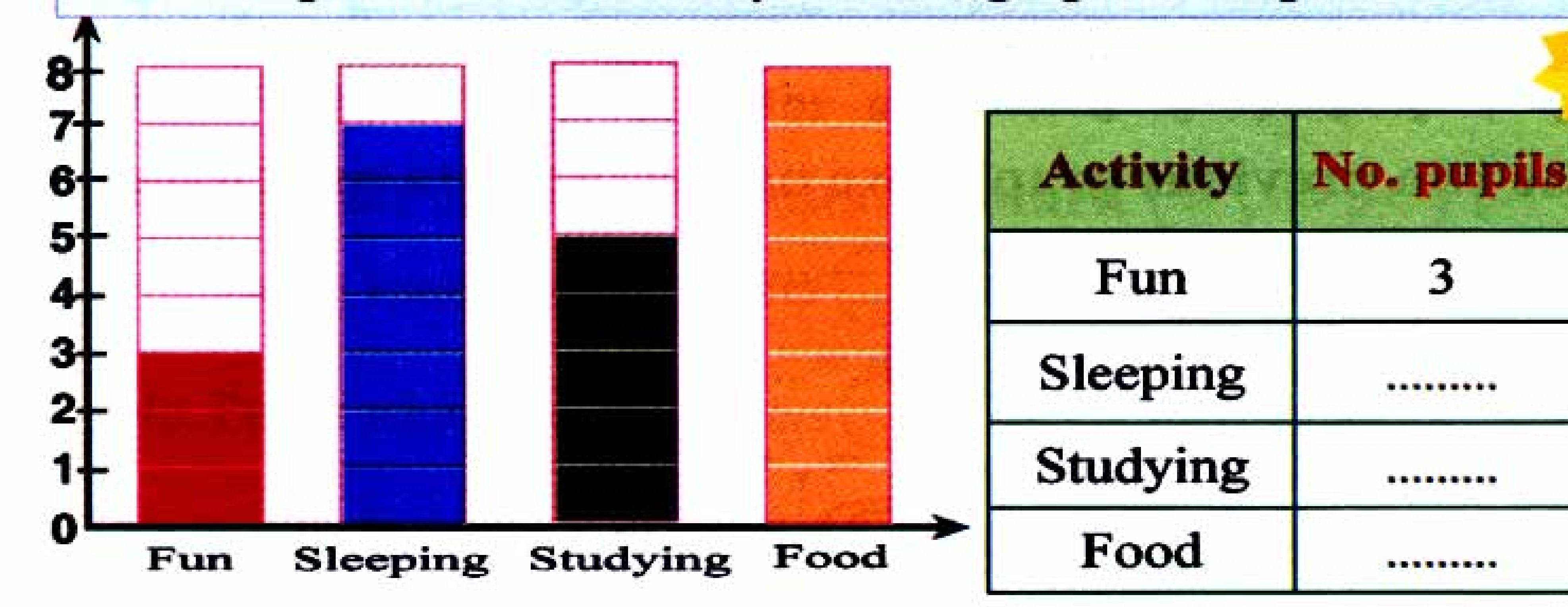
a The day which the most students attend on it ....

b Number of students who attend on Saturday ....

c Choose :

Number of students who attend on (Wednesday , Thursday , Friday) is 12 .

3 The teacher ask what do you do on 4 o'clock in the evening? and represent this data by the bar graph : complete the table .



Activity	No. pupils
Fun	3
Sleeping	....
Studying	....
Food	....

Lesson (3 , 4)

Tables and Horizontal bar graph

Activity 1 The following graph show the favourite day for the pupils :

Number of students: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Days of the week: Sun Mon Tue Wed Thur Fri Sat

When replace rows and columns by put the days of the week vertically and number of students horizontally :

Days of the week: Sun Mon Tue Wed Thu Fri Sat

Number of students: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

From the two previous graph , we notice the data not changed

a) The prefer day in first graph = ...

b) The prefer day in second graph = ...

c) Choose the suitable mark (> , = , <) :

No. pupils who prefer Tuesday (........) No. pupils who prefer Wednesday

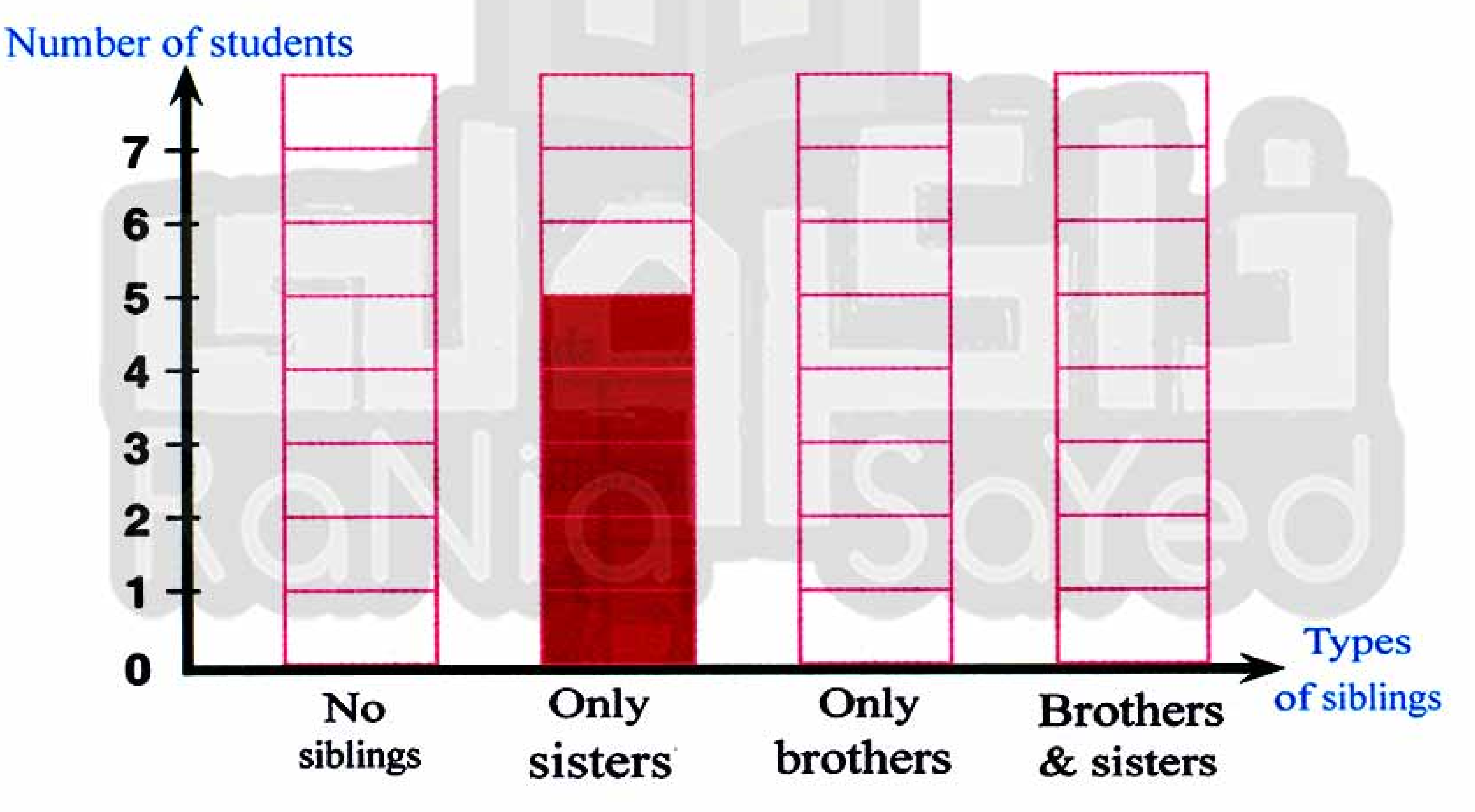


Activity 2 By asking pupils about their siblings and writing it at The table :

Math Jornal

No. Siblings	Number of students
No siblings	3
Only sisters	5
Only brothers	3
Brothers and sisters	7

Represent this data by colour the next graph :



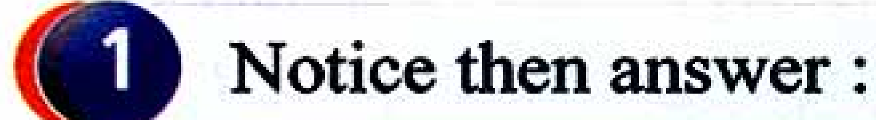
From the graph choose the suitable mark (> , = , <) :

(a) No. Pupils who haven't brothers .... No. Pupils who have only brothers

(b) No. Pupils who have only sisters .... No. Pupils who have only brothers

(c) No. Pupils who have only brothers .... No. Pupils who have brothers & sisters

Self - check on lesson (3 , 4)





Shape	Number
	....
	....
	....
	....

- Complete the table .
- **Choose the suitable answer :**

a) Number of = ... (3 , 4 , 5)

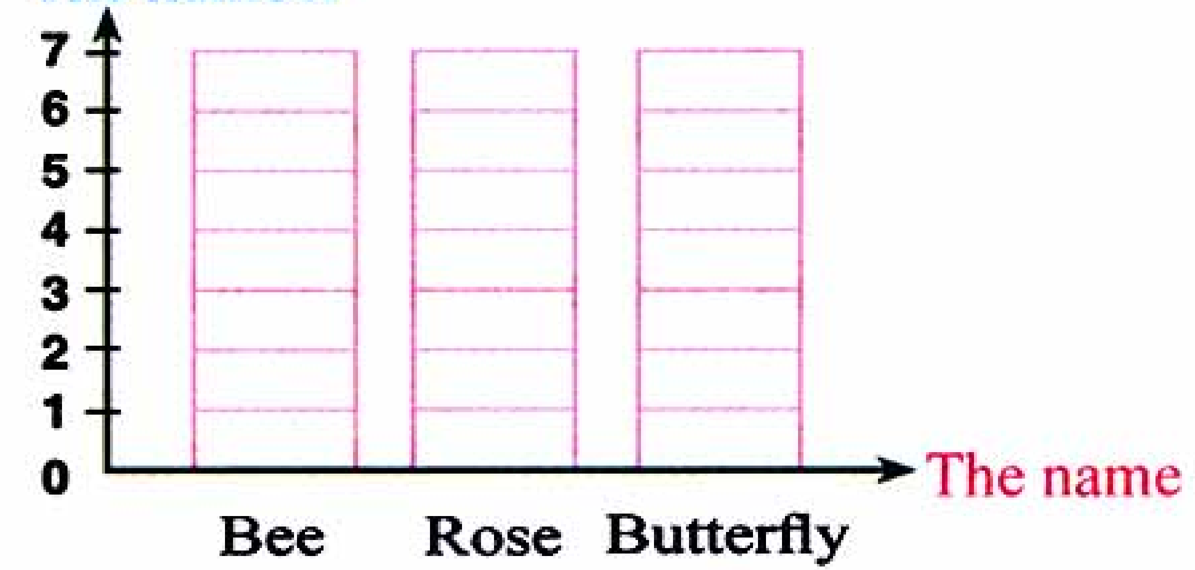
b) Number of  (....) Number of  (> , = , <)

c) The number of all shapes = ... shapes . (12 , 13 , 14)

2 Notice then complete the table and the graph :



The name	The number
Bee	....
Rose	....
Butterfly	....



3 The first graph show kind of prefer food for 2nd class pupils represented the first graph in the second graph then answer :

Discover Book

First graph

Number of students: 0, 1, 2, 3, 4, 5, 6, 7

Kind of Food: Cheese, Beans, Greenburger, Egg

Second graph

Kind of Food

Egg							
Greenburger							
Beans							
Cheese							

0 1 2 3 4 5 6 7 Number of students

From the previous graph choose the suitable mark (> , = , <) :

a) No. Pupils who prefer egg (.......) No. Pupils who prefer cheese

b) No. Pupils who prefer cheese (.......) No. Pupils who prefer greenburger

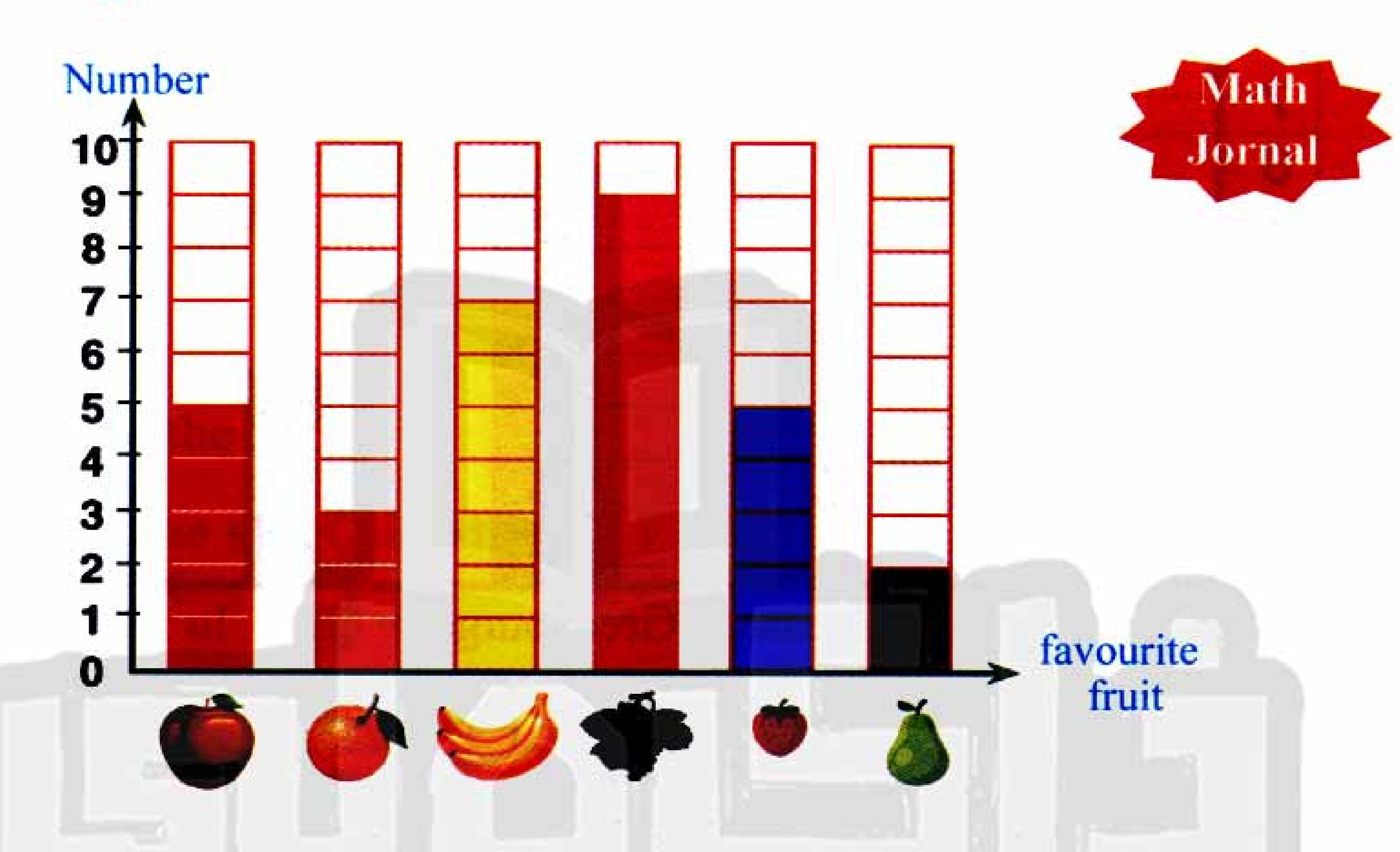
c) No. Pupils who prefer beans (.......) No. Pupils who prefer egg

Lesson (5 , 6)

Applies on representing data by bar graph

Activity 1 Look at the favourite fruit graph then answer the questions :

Math Jornal



From the previous graph answer the following :

a) Number of people who prefer [grapes] = ...

b) Choose the suitable sing (> , = , <) :

Number of people who prefer [strawberry] (.......) Number of people who prefer [apple]

c) What is the difference between No.people who prefer [strawberry]

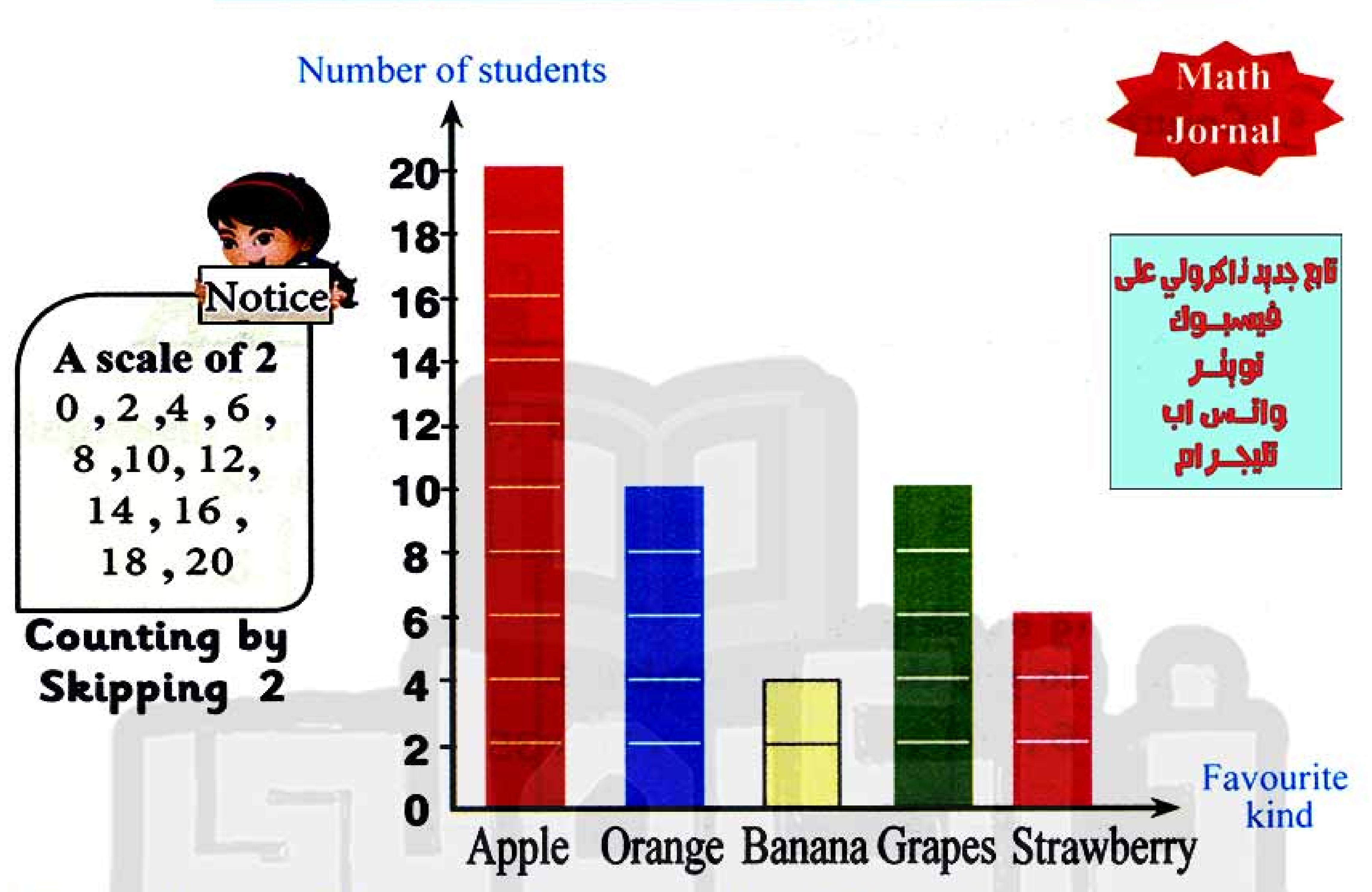
and No. who prefer [pear] ?

Number of People = ... - .... = ...

d) How many people who prefer [apple] and who prefer [orange] ?

Number of People = ... + ... = ...

Activity 2 By asking some pupils about favourite fruits and represent the following graph by painting :



From the previous graph answer the following :

a) Number of pupils who prefer apple ?

Number of Pupils = ...

b) What is the least preferred fruit and how many pupils prefer it ?

Name of fruit = ... , No. Pupils who prefer it = ...

c) How many pupils who prefer orange and strawberry ?

Number of Pupils = ... + ... = ...

d) What is the difference between No. Pupils who prefer grapes and Number. Pupils who prefer banana ?

Number of People = ... - .... = ...

Self - check on lesson (5 , 6)

1 Notice and complete :

a Counting by skipping 2
(add 2 to get the next number)

1 0 , 2 , 4 , ... , ... , ... , 12

2 (number line) 0 2 ....

3

11	....	13	....	15	....	17	....	19	20
1	2	3	4	5	....	7	....	9	....

b Counting by skipping 5
(add 5 to get the next number)

1 0 , 5 , 10 , ... , ... , ... , 30 , 35 , ... 40

2 (number line) 0 5 .... 25 ....

3

21	22	23	24	....	26	27	28	29	....
11	12	13	14	....	16	17	18	19	....
1	2	3	4	5	6	7	8	9	....

c Counting by skipping 10
(add 10 to get the next number)

1 0 , 10 , 20 , ... , ... , ... , ... , 70 , 80

2 (number line) 0 10 .... 70 ....

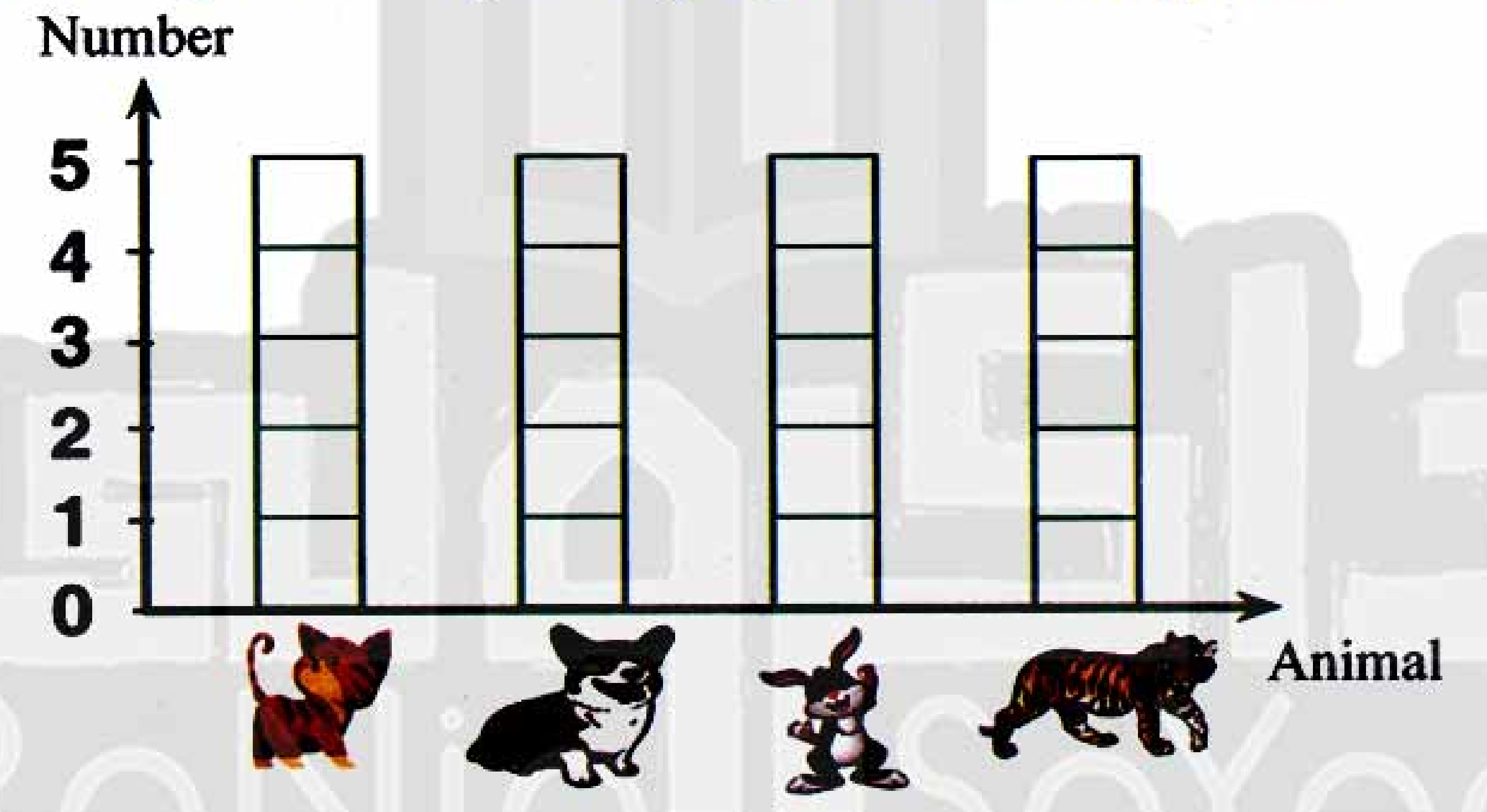
3

31	32	33	34	35	36	37	38	39	....
21	22	23	24	25	26	27	28	29	....
11	12	13	14	15	16	17	18	19	....
1	2	3	4	5	6	7	8	9	....

2 Notice then answer :



Represent the picture by bar graph then complete :



a) Number of the most repeated picture = ...

b) How many picture of dogs and cats ?

Number of pictures = ... + ... = ...

c) What is difference between frequency of rabbits's pictures and frequency of tigers's pictures ?

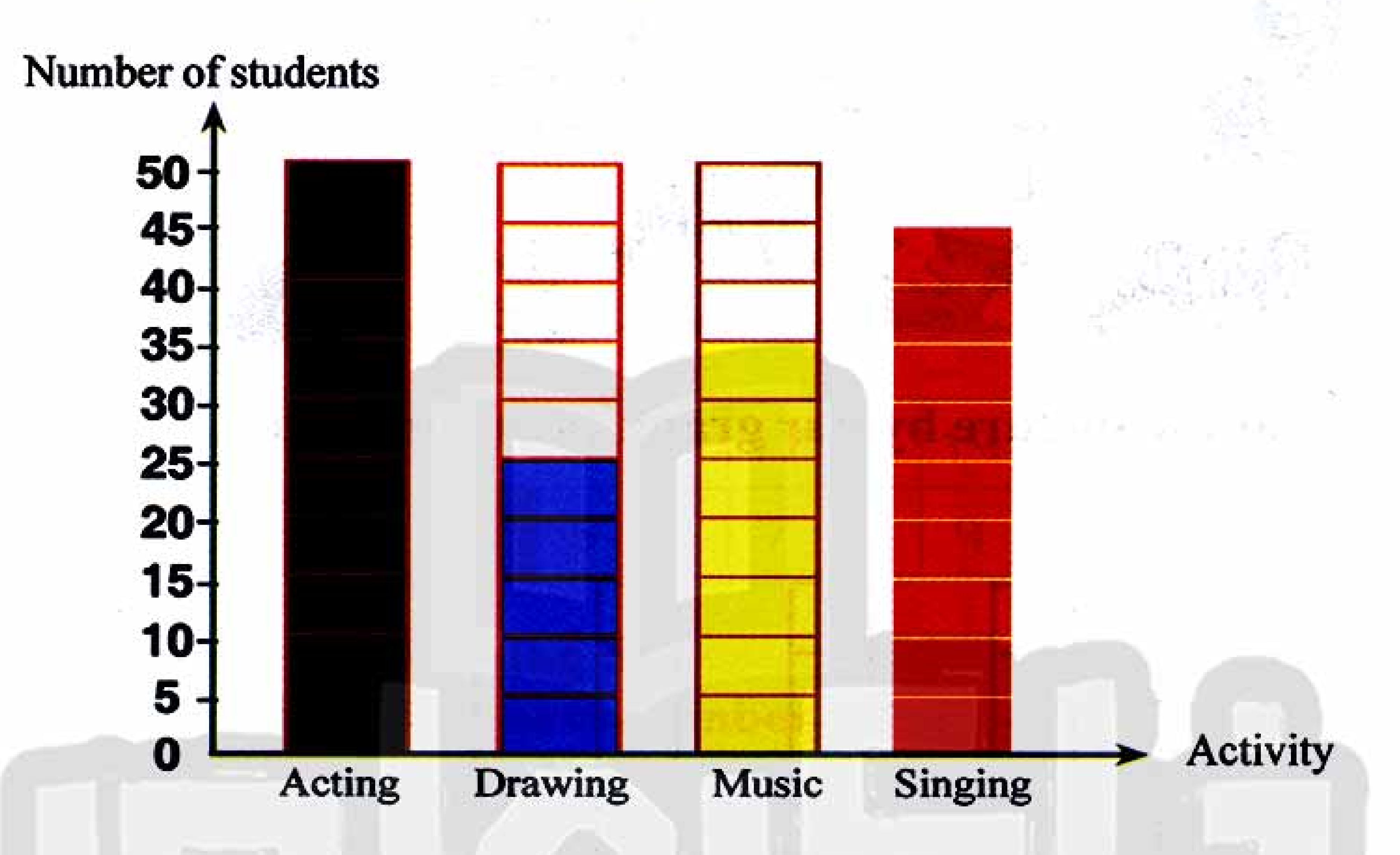
Number of pictures = ... - .... = ...

d) Number of pictures of dogs (.......) Number of pictures of rabbits.

(= , > , <)

BAKKAR **Representing data**

3 The teacher count the number of pupils who preferring activities , and representing the data in the following graph :



From the previous graph answer the following :

a) No. Pupils who prefer the singing (.......) No. Pupils who prefer the acting
(= , > , <)

b) How many pupils who prefer singing and drawing?

Number of Pupils = ... + ... = ...

c) What is difference between No. Pupils who prefer acting and Number of pupils who prefer music ?

The difference = ... - .... = ...

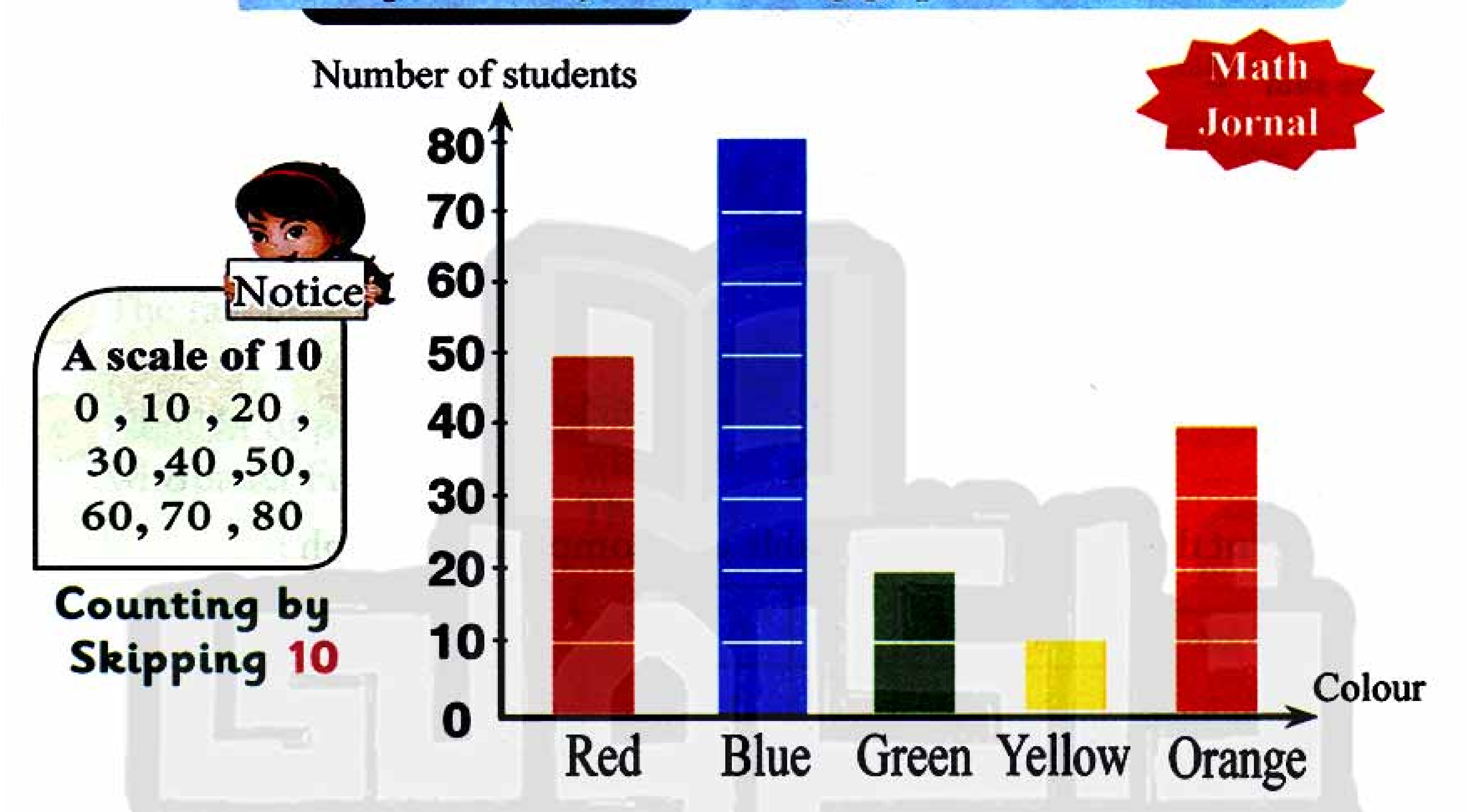
d) How many pupils who prefer drawing and music?

Number of Pupils = ... + ... = ...

Lesson (7 , 8)

Collecting data
Representing data by bar graph

Activity 1 When ask 200 student about their favourite colour and represent it by the following graph :



From the previous graph answer the following :

a) The best colour for students is ....

b) The least preferring colour is .... , Number Pupils who prefer it ....

c) How many pupils who prefer yellow and green ?

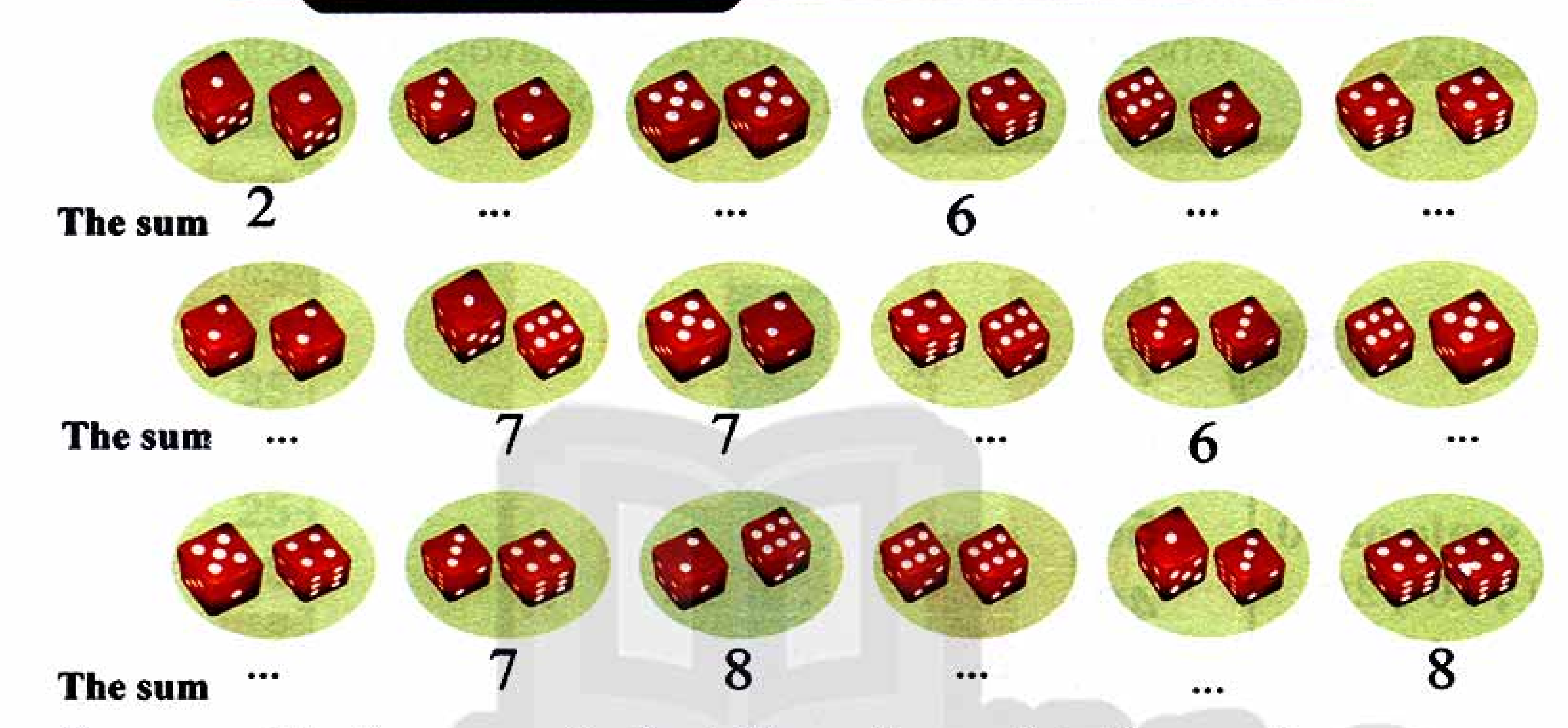
Number of Pupils = ... + ... = ...

d) What is the difference between the number of pupils who prefer red and the number of pupils who prefer orange ?

Number of Pupils = ... - .... = ...

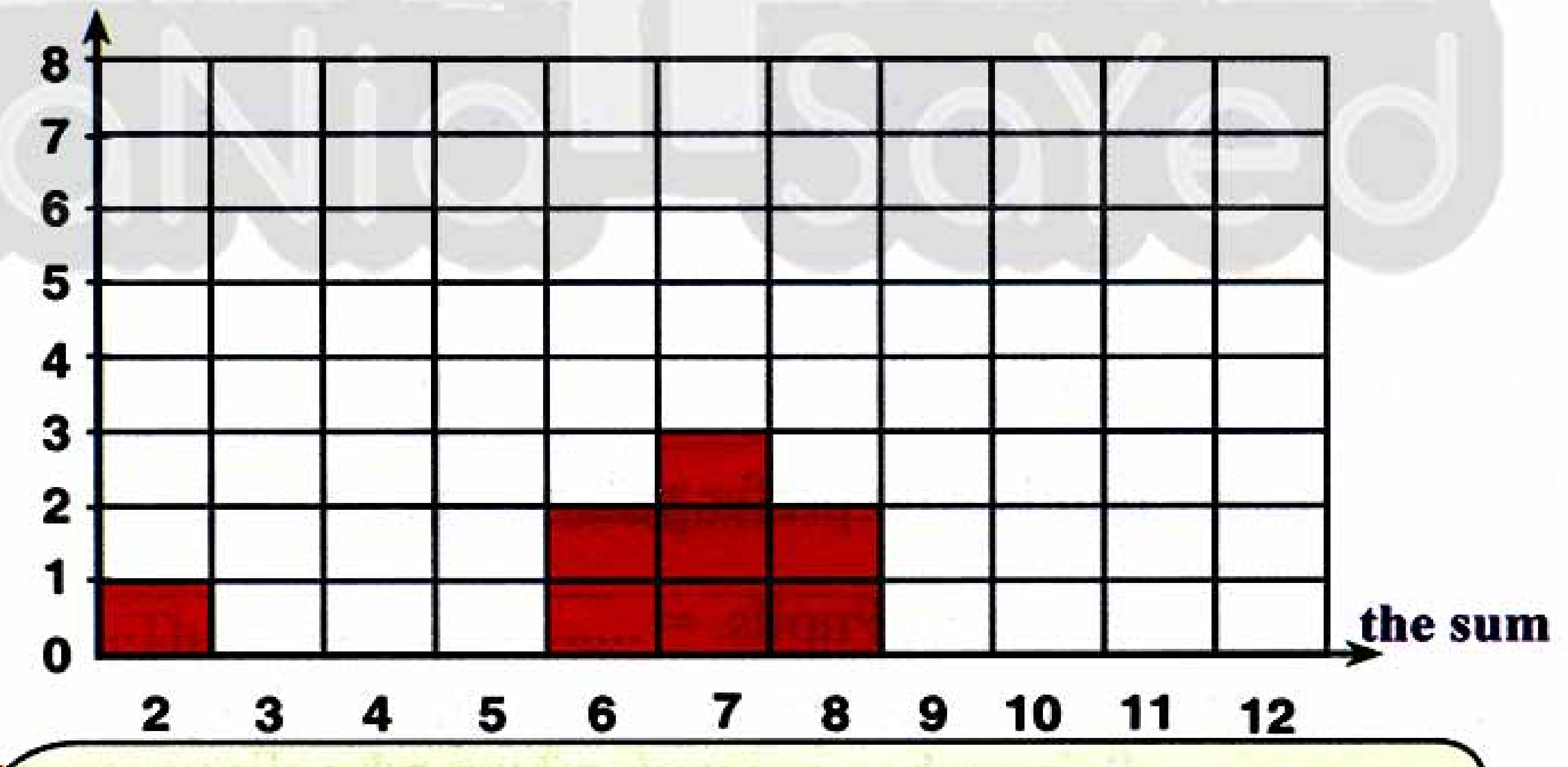
BAKKAR Representing data

Activity 2 As rolling two dice and add the two numbers on the upper face , the result was as the following .



Represent the frequency in the table and complete the graph :

Total	2	3	4	5	6	7	8	9	10	11	12
No.of rolling	1	...	...	...	2	3	2	...	...	...	...



Notice

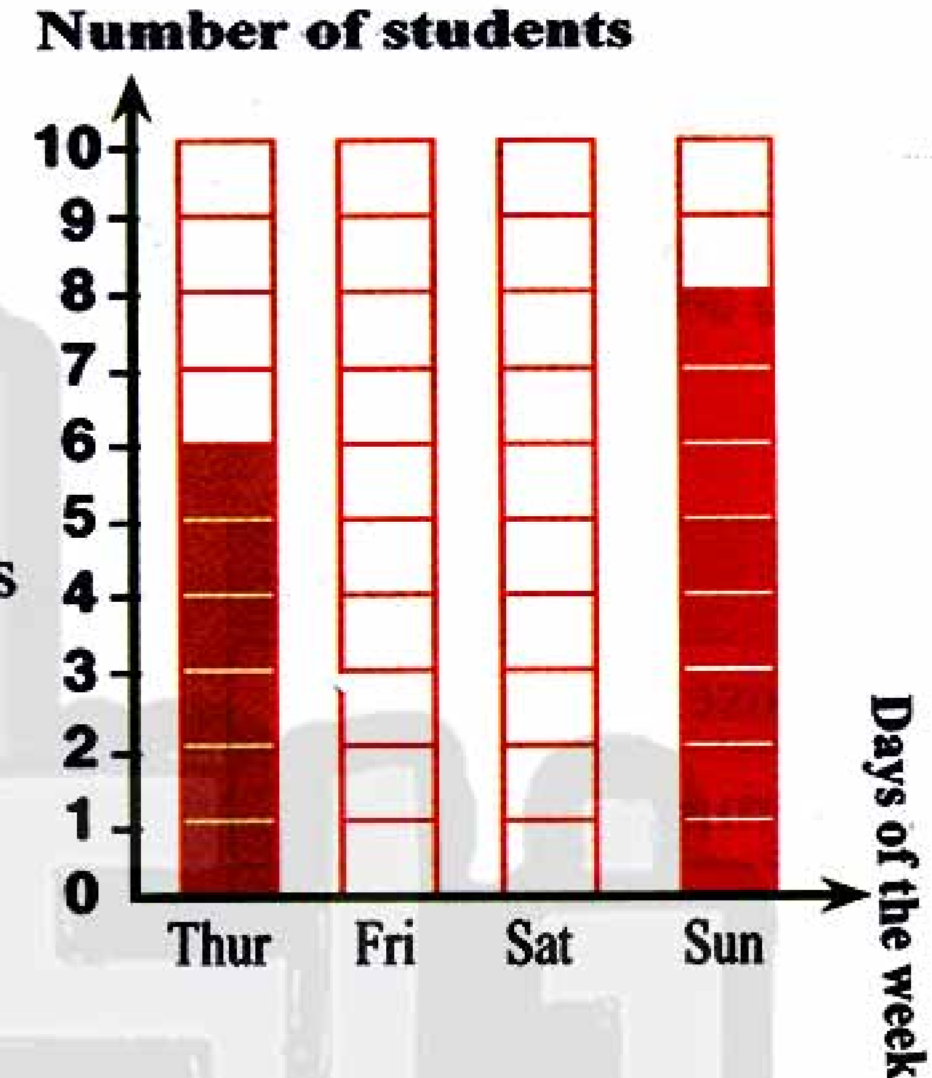
The lowest total (sum of the smallest 2 number) = 1 + 1 = ...

The highest total (sum of the biggest 2 number) = ... + ... = ...




Self - check on lesson (7 , 8)

1 In a class the teacher asked the pupils about the favourite days in the week 6 pupils choose Thursday , 10 choose Friday , 7 choose Saturday 8 choose Sunday :



a Complete the following bar graph.

b The favourite day is ....

c Number of pupils who prefer Friday (....) Number of pupils who prefer Thursday

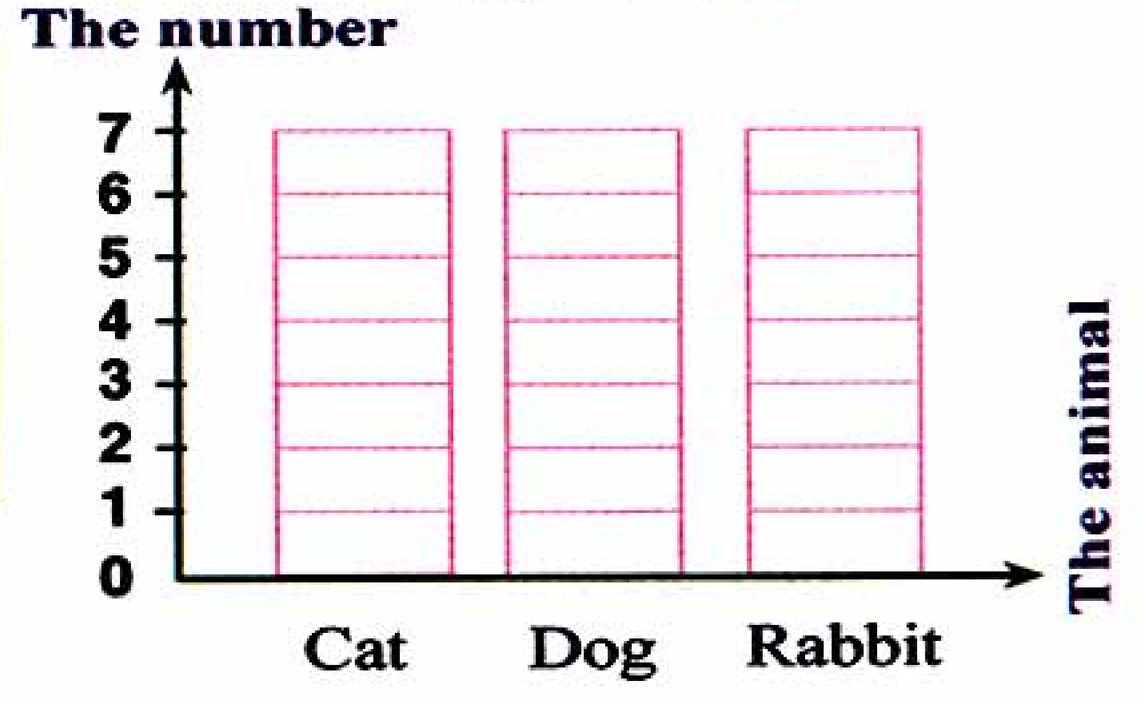
(= , > , <)

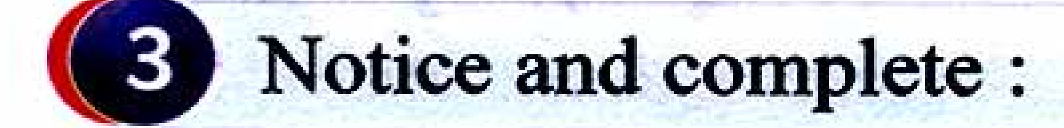
2 Notice and complete the table and the graph :



The animal	The number
Cat	....
Dog	....
Rabbit	....

* No. of dogs (....) No. of cats






Representing data

3 Notice and complete :



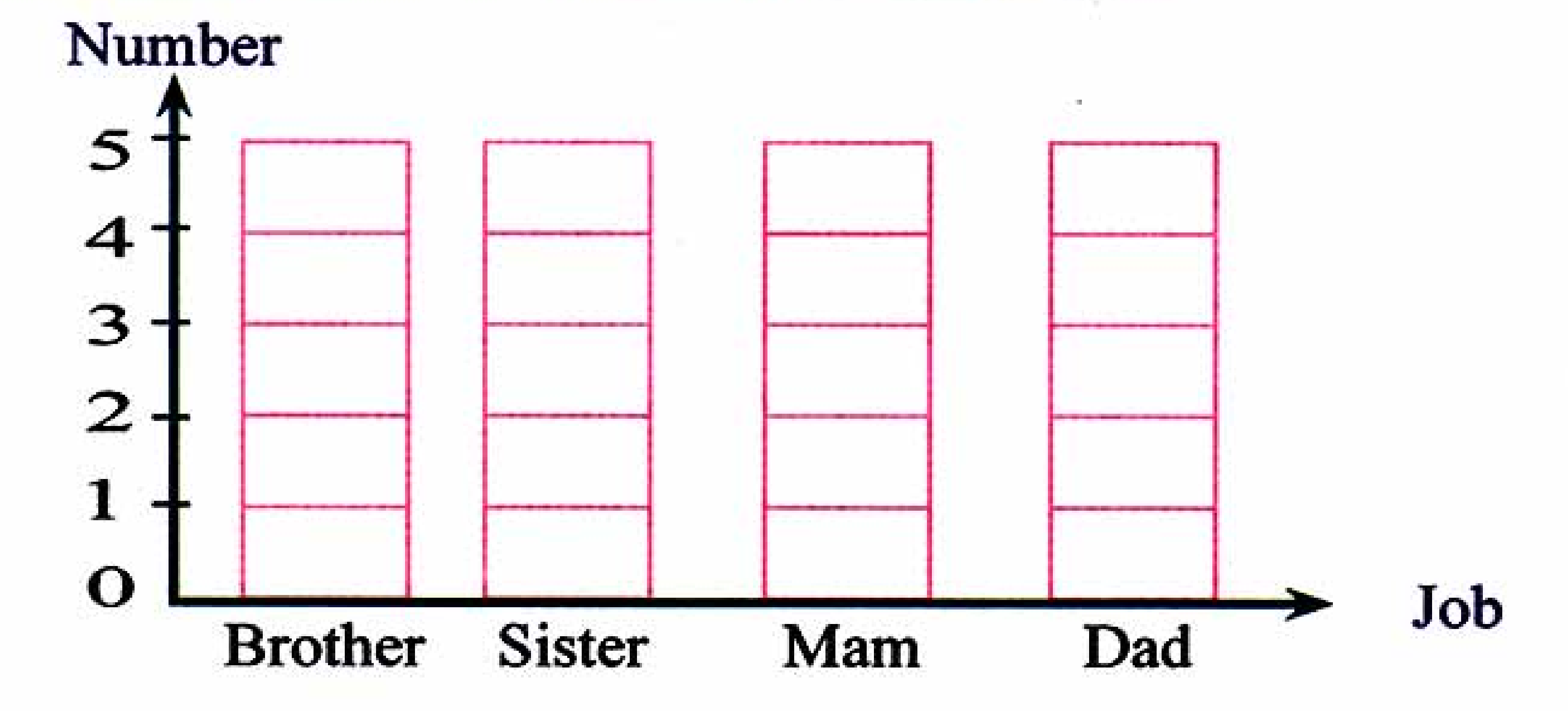
Name	Number
Josef	....
Omar	....
Kenzy	....
Nadeen	....

Number
10
8
6
4
2
0
Josef Omar Kenzy Nadeen
Name

4 From the table complete the bar graph :

Discover Book

Job	Brother	Sister	Mam	Dad
Number	4	2	2	5



Lesson (9 , 10)

Picture graph and bar graph

Activity 1 Look at the table and study the number of flowers :

Math Jornal

Sunday								
Monday								
Tuesday								
Wednesday								
Thursday								

Notice the key

= 1 flower , = 2 flowers

a) How many flowers were pick on Monday? ....

b) How many flowers were pick on Thursday? ....

c) Are there two days they pick the same number of flowers? ....

d) How many flowers were pick on Monday and Tuesday? ....

e) On what day do you pick the least number of flowers? ....

f) On what day do you pick the most number of flowers? ....

g) How more flowers were pick on Wednesday than on Thursday? ....

h) How many flowers were pick on Monday, Tuesday and Thursday? ....

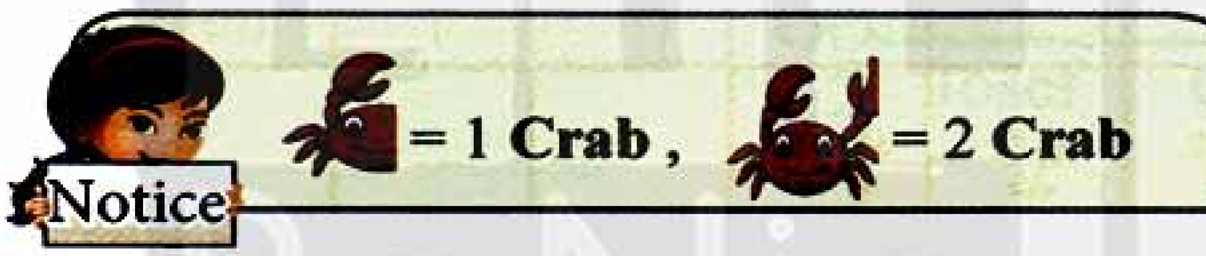
BAKKAR Representing data

Activity 2 Frame the picture graph draw the bar graph :

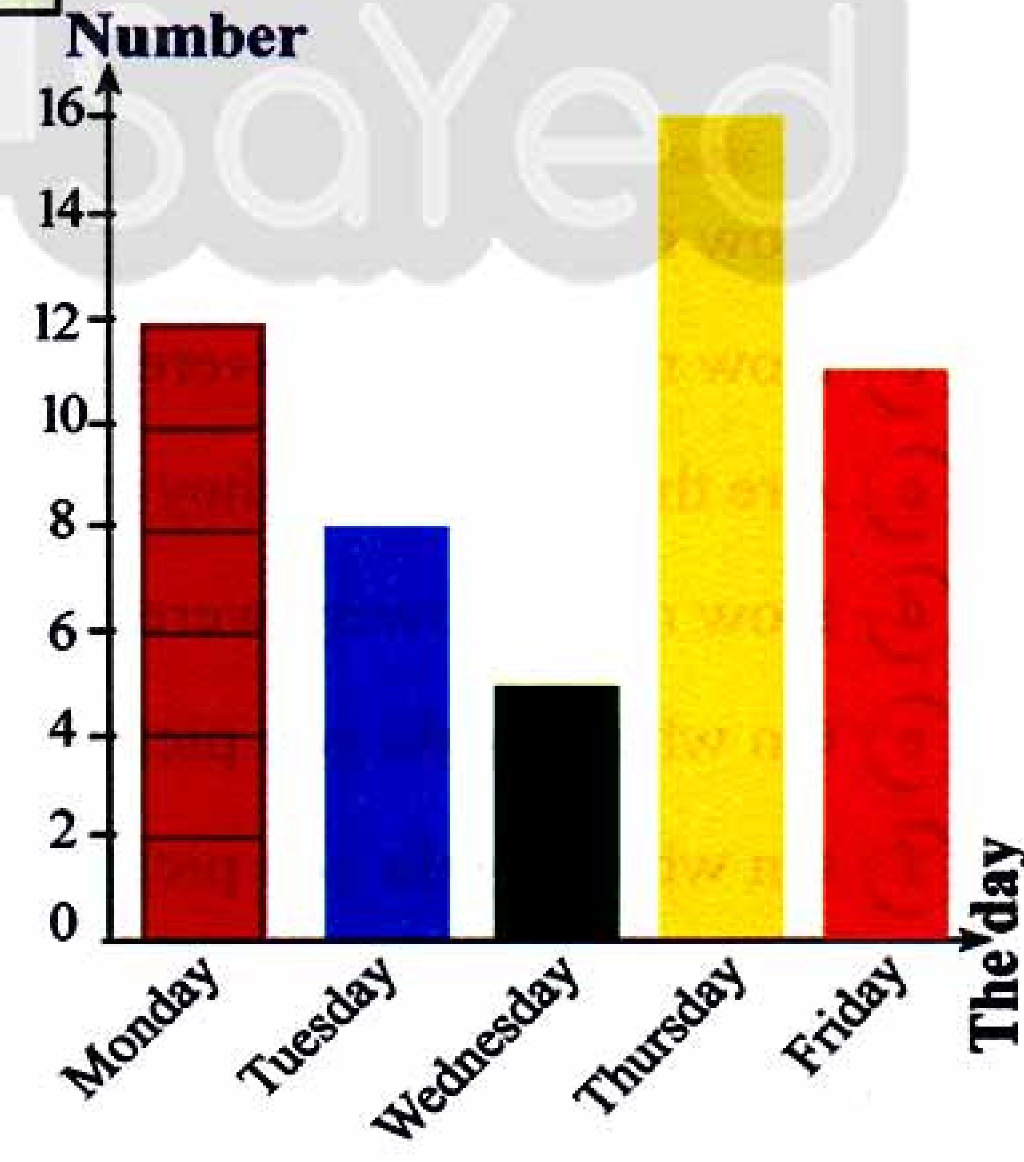
Monday	🦀	🦀	🦀	🦀	🦀	🦀		
Tuesday	🦀	🦀	🦀	🦀				
Wednesday	🦀	🦀	½🦀					
Thursday	🦀	🦀	🦀	🦀	🦀	🦀	🦀	🦀
Friday	🦀	🦀	🦀	🦀	🦀	½🦀		

The way to draw the bar graph :

Find the number of crab in each day then represent it by a bar :



- The number in Monday = 12
- The number in Tuesday = 8
- The number in Wednesday = 4 + 1 = 5
- The number in Thursday = 16
- The number in Friday = 10 + 1 = 11





Self - check on lesson (9 , 10)

1 From the picture graph choose :

Butterfly	🦋	🦋	🦋	🦋	🦋			
Tomatoes	🍅	🍅	🍅	🍅	🍅	🍅	🍅	
Hen	🐔	🐔	🐔	🐔				

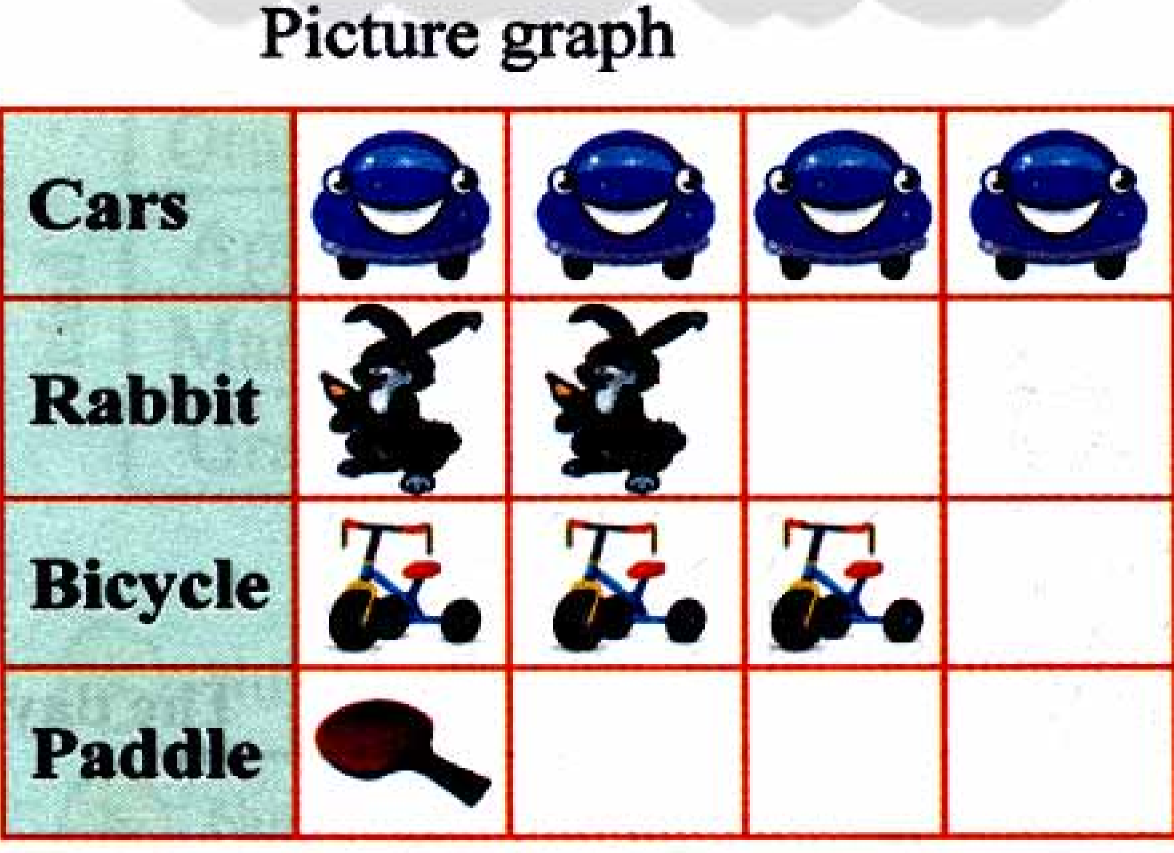
a) Number of (butterfly) = ... (6 , 5 , 4)

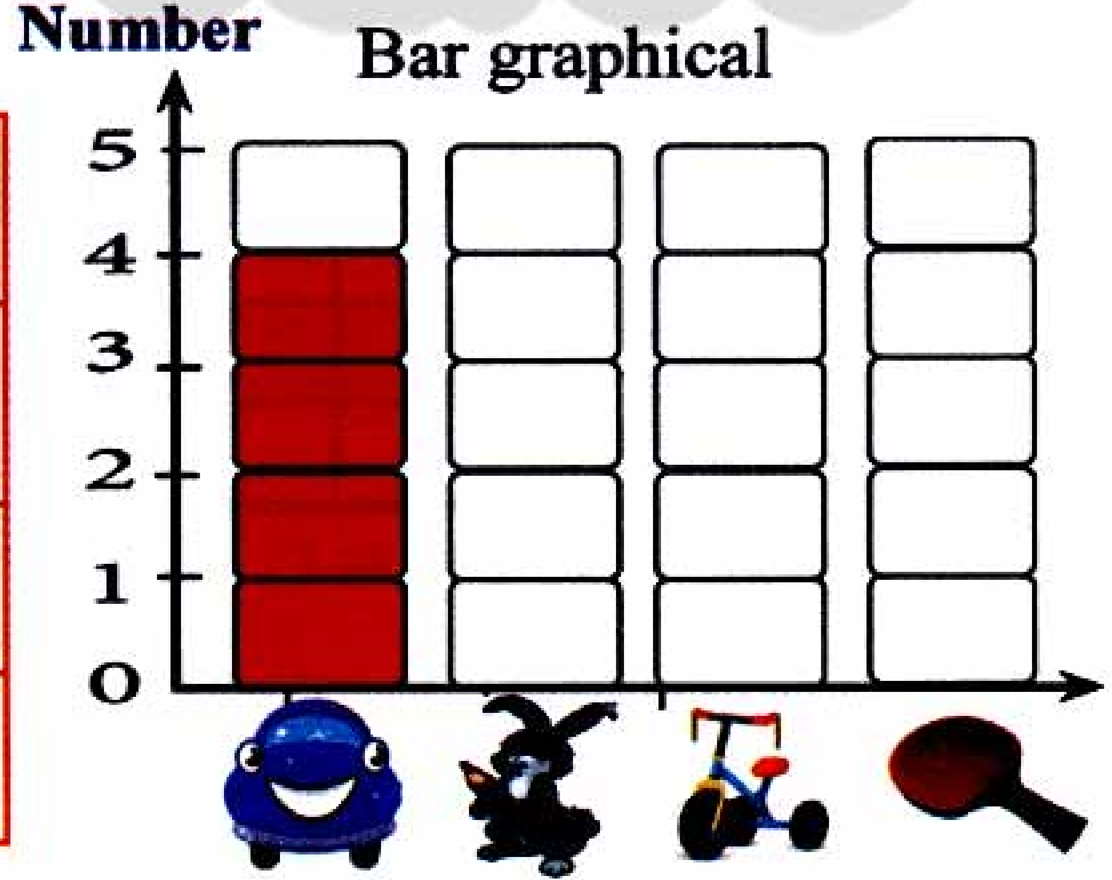
b) Number of (tomato) = ... (6 , 7 , 8)

c) Number of (hen) [........] number of (butterfly) (> , = , <)

2 From the picture graph complete the bar graph :

Picture graph



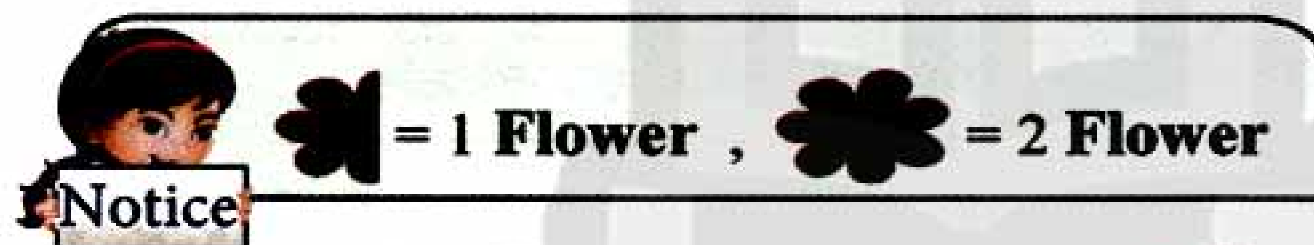




BAKKAR Representing data

3 From the picture graph notice and complete :

Saturday							
Sunday							
Monday							
Tuesday							



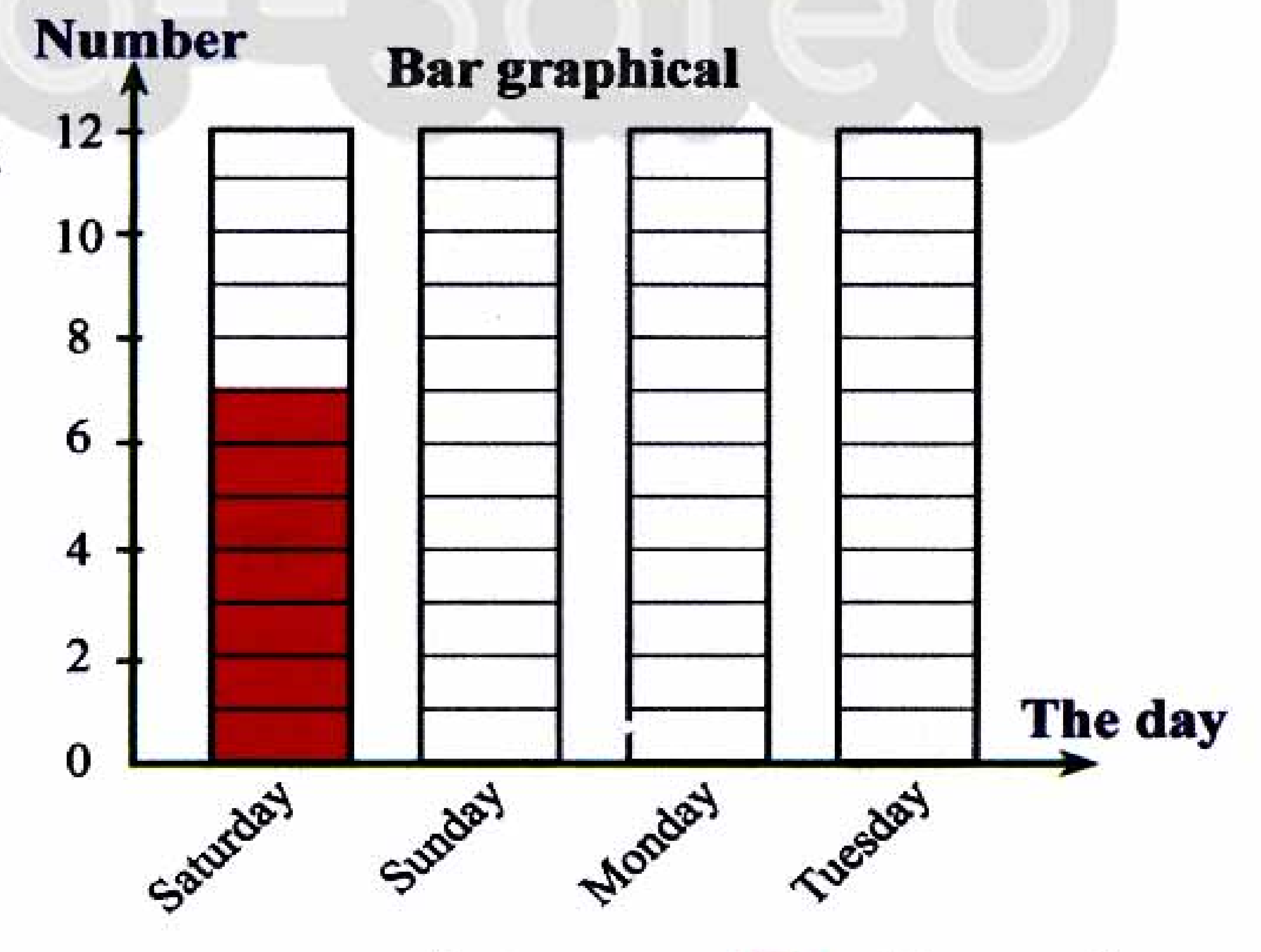
a Number of flowers at Saturday = + + +

= 2 + ... + ... + 1 = ...

b Number of flowers at Sunday = + + +

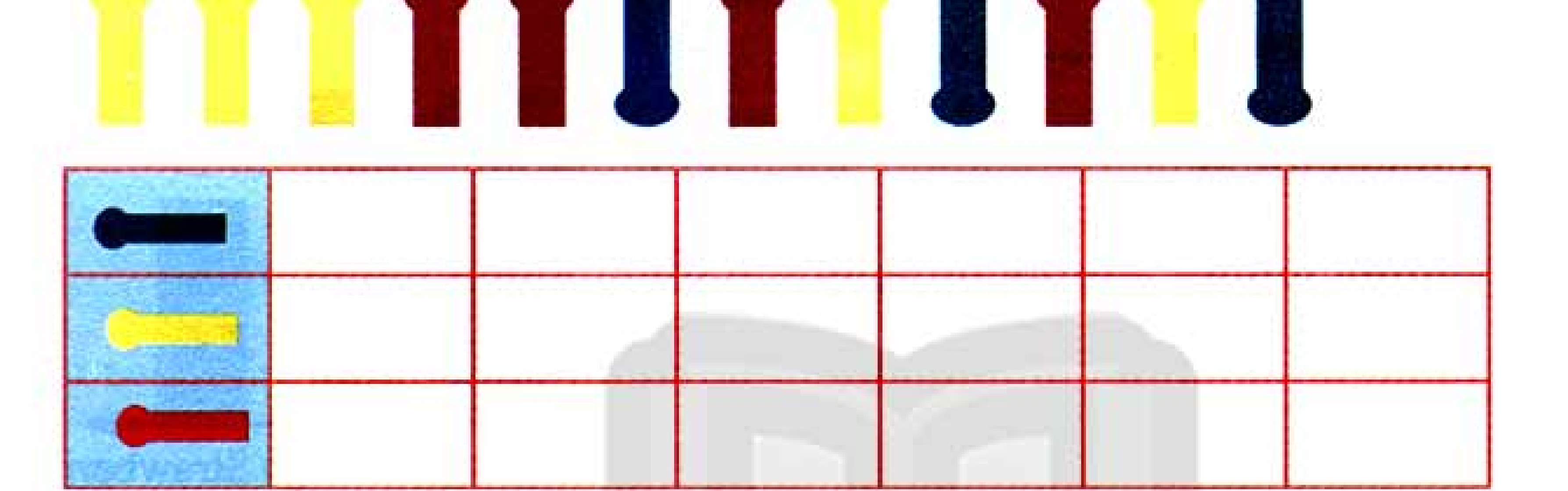
= 2 + ... + ... + 2 = ...

* **From the picture graph draw the bar graph :**



Self - check 1 Chapter 1

1 From the shapes complete the picture graph :



2 From the bar graph complete :

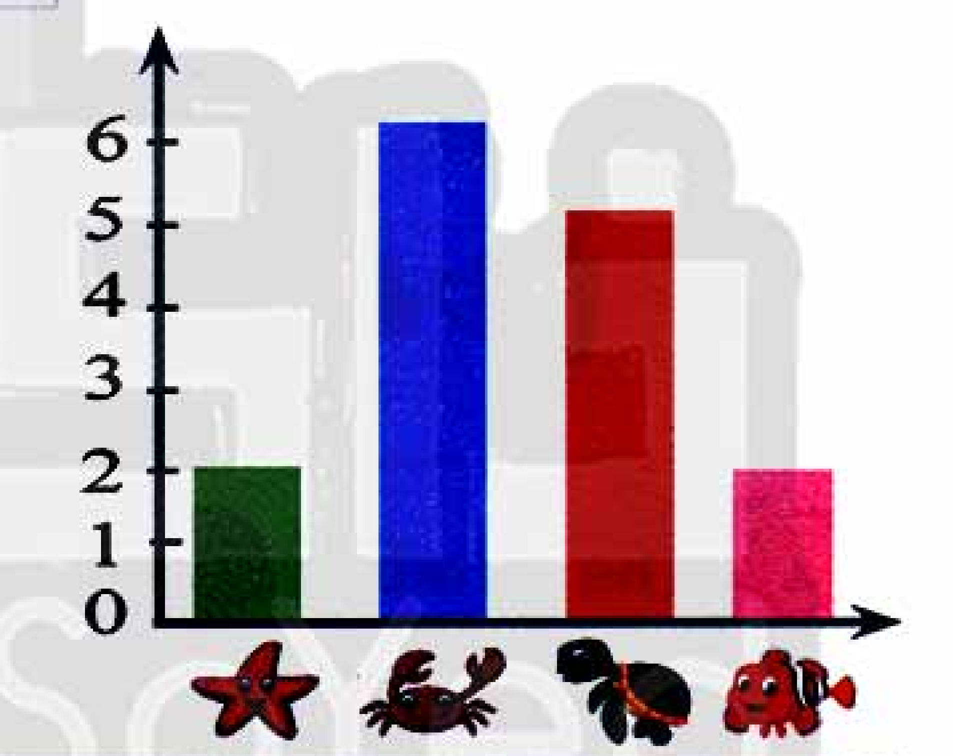
a The greatest number is.......

b The sum of [turtle] and [fish]

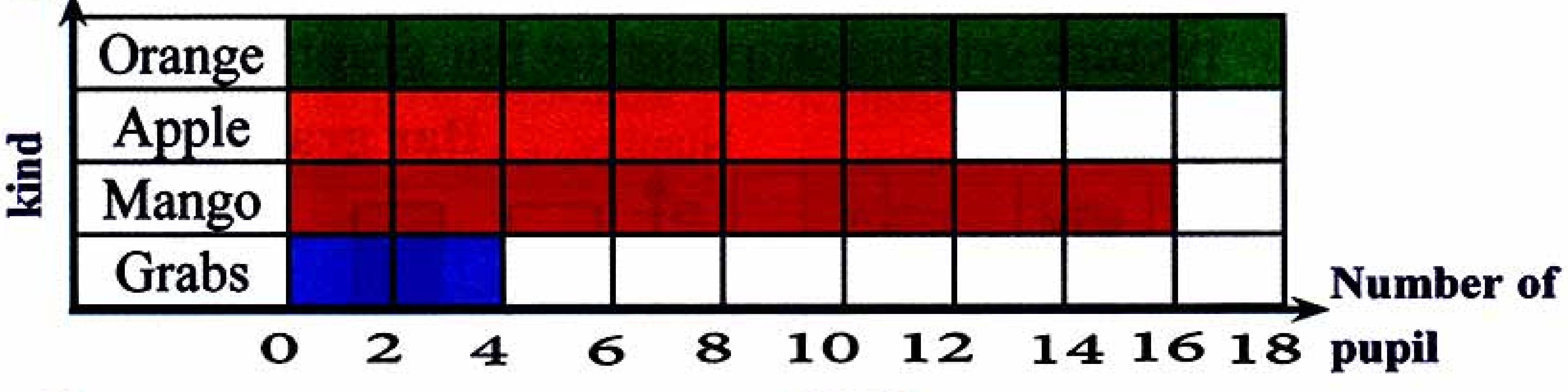
= .... + ... = ...

c The difference between number

of [crab] and [starfish] = ... - .... = ...



3 From the graph complete with the suitable sing (>, =, <) :



a Number of pupils who prefer Grape .... Number of pupils who prefer Mango

b Number of pupils who prefer apple .... Number of pupils who prefer Orange

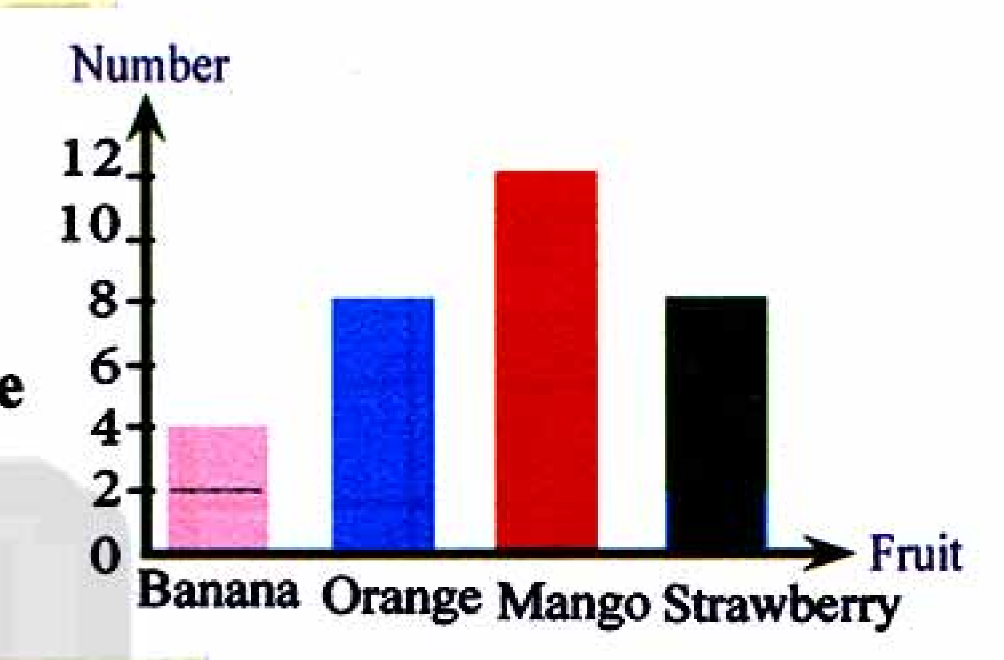
Self - check 2 Chapter 1

1 From the bar graph complete :

a The most prefer fruit is ....

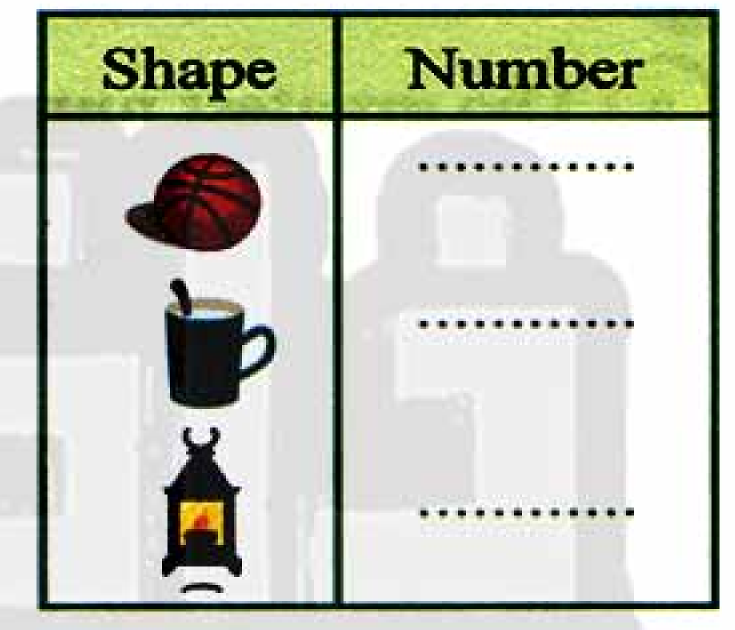
b The least prefer fruit is ....

c Number of pupils whose prefer orange and strawberry = ... + ... = ...



2 Complete the table then choose :



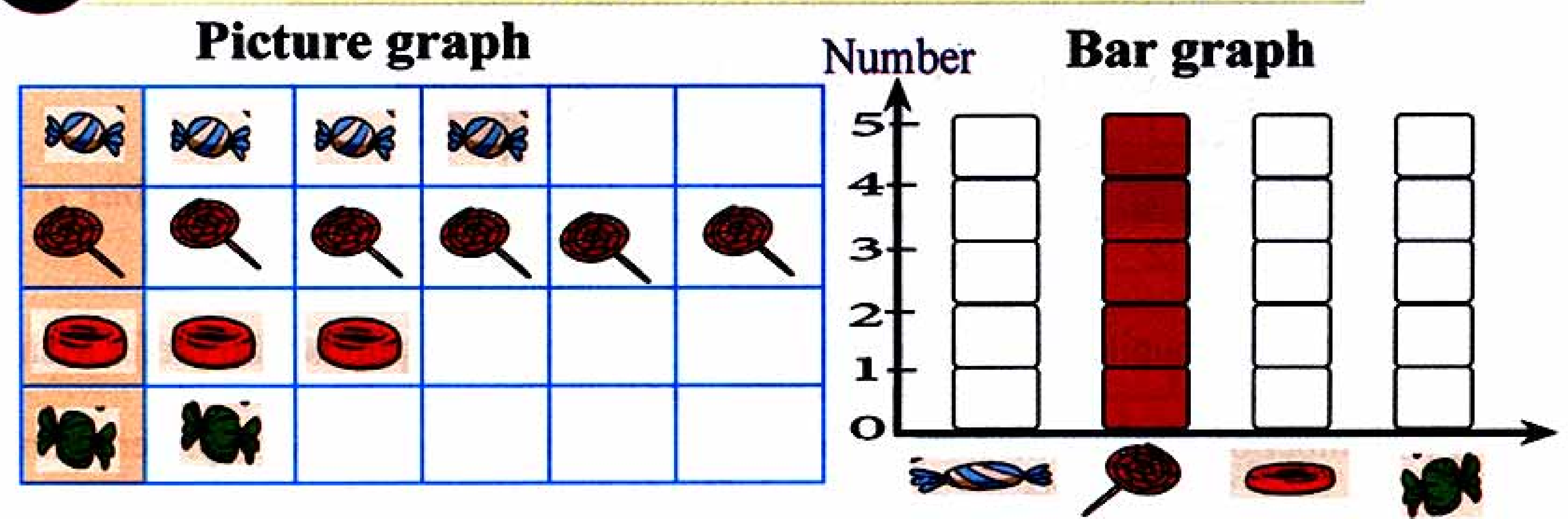


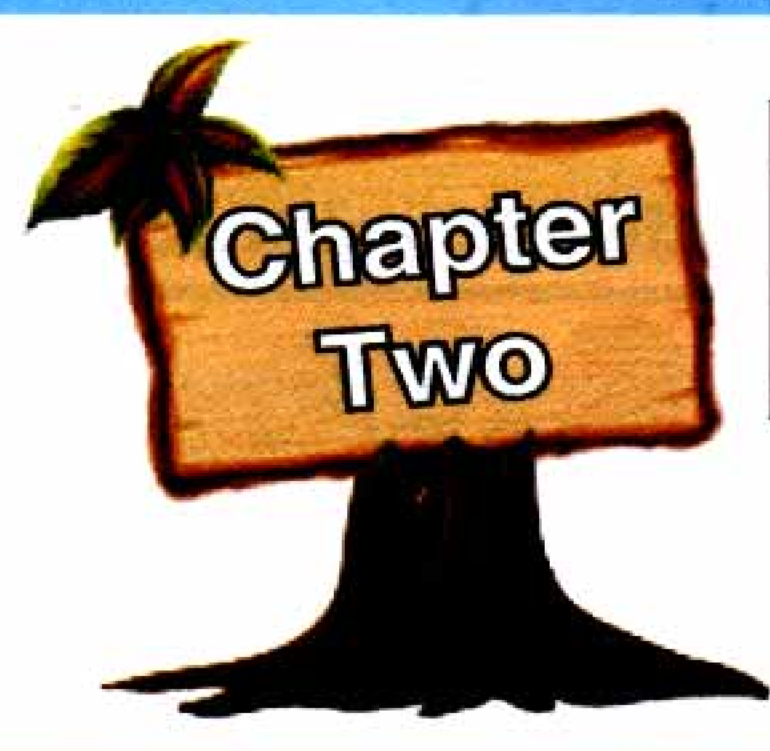
Shape	Number
(cap)	....
(cup)	....
(lantern)	....

a The number (cap) (3 , 4 , 5)

b The number (cup) (> , = , <) The number (lantern)

3 From the picture graph complete the bar graph :







Mental Math

to solve the addition and subtraction problems

Key Vocabulary

Addend	الأعداد المضافة
Bigger	أكبر من
Bottle	زجاجة
Calender	التقويم
Circle	دائرة
Column	عمود
Combination	التجمع
Complete	أكمل
Counting on	العد للأمام
Difference	الفرق
Double	ضعف
Draw	ارسم
Engineer	مهندس
Family	عائلة
Mental Math	الحساب العقلى

Pass	يعبر
Pattern	نمط
Pen	قلم
Road	طريق
Room	حجرة
Row	صف
Ruler	مسطرة
Smaller	أصغر من
Story Problem	سؤال لفظى
Strategy	الاستراتيجية
Subtrahend	المطروح منه
Sum	مجموع
Tourist	سائح
Uncle	عم / خال
Unknown	مجهول
Water	ماء

Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise insipired by Math Jornal
- Exercise inspired by Discover Book





Lesson (11 , 12)

Adding doubles - Counting on to add and subtract

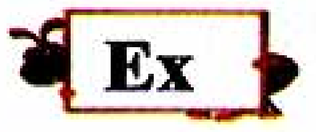


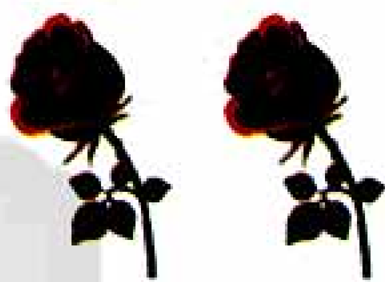
Activity 1 Complete adding (using double) as in Ex :


Ex

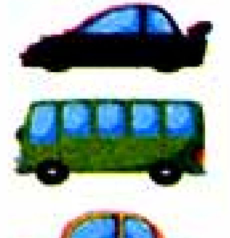


2 + 2 = 4


Ex



1 + 1 = 2

3 + 3 = ...



4 + 4 = ...



5 + 5 = ...



6 + 6 = ...



7 + 7 = ...



8 + 8 = ...



9 + 9 = ...



10 + 10 = ...



Activity 2 Using double to find the following :

Ex



4 + 5 = ...

Solution



4 + 5 = 4 + 4 + 1 = 8 + 1 = 9

Exercise 1 Using double to find the following :

Ex 3 + 4 = ... + ... + ... = ... + ... = ...

Solution 3 + 4 = 3 + 3 + 1 = 6 + 1 = 7

(a) 8 + 9 = ... + ... + 1 = ... + 1 = ...

(b) 5 + 6 = ... + ... + ... = ... + ... = ...

(c) 7 + 8 = ... + ... + ... = ... + ... = ...

Exercise 2 A class has 10 boys and 10 girls .
How many pupils in the class?

Solution

Number of pupils = ... + ... = ... pupils.

Exercise 3 Ahmed bought 8 red pens and 9 green pens .
What is the number of pens?

Solution

Number of pens = 8 + 9 = ... + ... + 1 = ... Pens.



Mental math



Activity 3 Find as in Ex [Count forward] :

Ex 12 + 7 = ...

- Start by greater number 12
- Count on 7 after 12
- The sum equal 19

Solution 12 + 7 = 19

a) 8 + 9 = ... b) 6 + 5 = ... c) 4 + 9 = ...

d) 7 + 8 = ... e) 7 + 4 = ... f) 8 + 3 = ...



Exercise 4 My uncle is an engineer he choose 13 programs to do his work , then choose another 6 programs . How many programs did he use ?

Discover book



Solution * start by 13 then count 6 numbers

Number of programs = ... + ... = ... programs





Activity 4 Find the result using count on :

Ex 12 - 7 = ...

- Start by smaller number 7
- Count on the number of skipping to 12
- The result will be 5

Solution 12 - 7 = 5

a) 13 - 4 = ... b) 11 - 6 = ... c) 15 - 8 = ...

d) 14 - 5 = ... e) 18 - 9 = ... f) 10 - 8 = ...



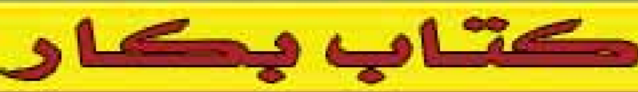
Exercise 5 I have 11 apples and I ate 3 of them . How many apples remained ?

* Start from 3 count on the skipping to 11



Solution The remainder = ... - .... = ... apples.







Self - check on lesson (11 , 12)

1 Put line under the doubles as **Ex** :

Ex	3 , 3	4 , 3	5 , 6
	8 , 7	9 , 9	6 , 7
	0 , 0	2 , 1	10 , 10
	4 , 5	5 , 5	3 , 2

2 Answer the following :

a) 8 + 8 = ... b) 7 + 7 = ... c) 3 + 3 = ...

d) 0 + 0 = ... e) 9 + 9 = ... f) 6 + 6 = ...

g) 5 + 5 = ...

h) 1 + 1 = ...

i) 2 + 2 = ...

j) 4 + 4 = ...

3 My brother has 7 pens and my sister has the same number of pens . How many pens do they have ?



Solution Number of pens = ... + ... = ... pens.

BAKKAR | Mental math

4 Using double to find the sum as in (a) :

(a) 3 + 2 = 1 + ... + ... = 1 + ... = ...

Solution 3 + 2 = 1 + 2 + 2 = 1 + 4 = 5

(b) 5 + 4 = 1 + ... + ... = 1 + ... = ...

(c) 9 + 8 = 1 + ... + ... = 1 + ... = ...

(d) 7 + 6 = 1 + ... + ... = 1 + ... = ...

5 Find the result of the following :

8 + 9 = ...	11 + 9 = ...	13 + 6 = ...	14 + 7 = ...	13 + 5 = ...
9 − 9 = ...	13 − 4 = ...	10 − 9 = ...	12 − 7 = ...	14 − 6 = ...

6 When I pass the road my sister hold my hand .
How many fingers in our hands ?

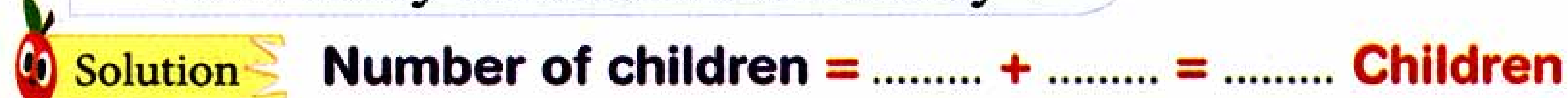
Discover book



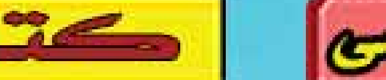


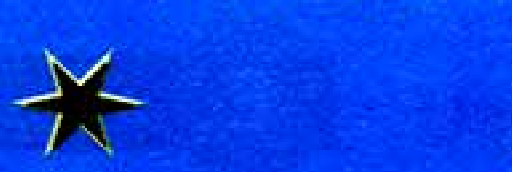
Number of fingers = 5 + 5 = ... fingers

7 A family has 2 boys and 2 girls .
How many children in the family ?



Solution Number of children = ... + ... = ... Children



Lesson (13 , 14)

Adding and subtracting by making 10

Activity 1 Notice the 120 frame :

Row
Moving by ones from left to right

1	2	3	4	5	6	7	8	9	10

Moving by Ones →

31	32	33	34	35	36	37	38	39	40

The number is decreasing ←

Column
Move up and down

97	94
87	84
77	74
67	64
57	54
47	44
37	34
27	24
17	14
7	4

Moving by 10

Decreasing by 10   Increasing by 10

Activity 2 From the chart , Find 4 + 10 :

* Start from 4 move one square to up get 14

31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Solution 4 + 10 = 14

Exercise 1 Using the previous chart , Find :

Solution 28 + 10 = 38   Start from 28 move one square to up get 38

a) 7 + 10 = ...

c) 1 + 10 = ...

b) 5 + 10 = ...

d) 11 + 10 = ...



BAKKAR | Mental math

Activity 3 From the Chart , Find : 15 - 10 :

* Start from 15 move one square down the result is 5

31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Exercise 2 Using the previous chart , Find :


Solution 29 - 10 = ... Start from 29 move one square to up get 19

(a) 12 - 10 = ...

(b) 35 - 10 = ...

(c) 34 - 10 = ...

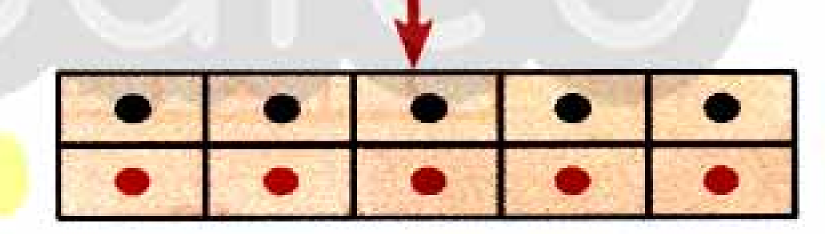
(d) 40 - 10 = ...

Activity 4 Using 10 frame to find the bonds of 10 :

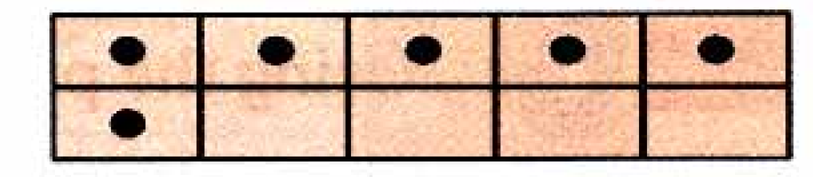
Ex 5 + ... = 10


Solution 5 + 5 = 10

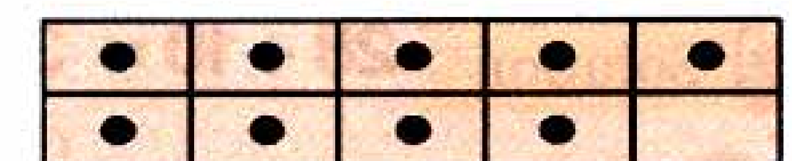
Draw ● until complete all the frame then count them



(a) 6 + ... = 10



(b) 9 + ... = 10



(c) 7 + ... = 10





Exercise 3 Using the bonds of 10 to add as Ex :

Decompose To make 10 Strategy

Ex 5 + 7 = ...

(ten-frame: 5 dots) + (ten-frame: 7 dots) = (ten-frame: 10 dots) (ten-frame: 2 dots)

Solution 5 + [5 / 2] = 10 + 2 = 12

We analyse any of the two numbers into two numbers, one of which completes ten with the other

a) 7 + 7 = ... Solution 7 + [3 / 4] = 10 + 4 = ...

b) 5 + 9 = ... Solution 5 + [5 / 4] = 10 + ... = ...

c) 6 + 5 = ... Solution 6 + [... / ...] = ... + ... = ...

Exercise 4 Using the bonds of 10 to subtract as Ex :

We analyse this number into two numbers, one of which is the ones of the subtrahend

Ex 15 - 7 = ... Solution 15 - [5 / 2] = 10 - 2 = 8

a) 14 - 6 = ... Solution 14 - [4 / 2] = 10 - .... = ...

b) 11 - 9 = ... Solution 11 - [1 / 8] = 10 - 8 = ...

c) 15 - 8 = ... Solution 15 - [... / ...] = ... - ...... = ...

Self - check on lesson (13 , 14)

1 Using the 120 frame to find as in a :

a) 2 + 10 = 12

b) 8 + 10 = ...

c) 71 + 10 = ...

d) 52 + 10 = ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

2 Using the bonds of 10 to find as Ex :

Decompose
To make 10
Strategy

Ex 6 + 8 = ... Solution 6 + (4, 4) = 10 + 4 = 14

a) 9 + 7 = ... Solution 9 + (1, 6) = 10 + ... = ...

b) 6 + 6 = ... Solution 6 + (4, ...) = 10 + ... = ...

c) 7 + 8 = ... Solution 7 + (..., ...) = ... + ... = ...

d) 4 + 9 = ... Solution 4 + (..., ...) = ... + ... = ...

e) 8 + 3 = ... Solution 8 + (..., ...) = ... + ... = ...





3 Using the 120 frame to find as in a :

(a) 21 - 10 = 11

(b) 45 - 10 = ...

(c) 83 - 10 = ...

(d) 15 - 10 = ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

4 Using the bonds of 10 to find as Ex :

Decompose
To make 10
Strategy

Ex 11 - 3 = ... Solution: 11 - (1, 2) = 10 - 2 = 8

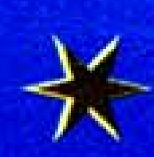
(a) 15 - 6 = ... Solution: 15 - (5, 1) = 10 - .... = ...

(b) 14 - 9 = ... Solution: 14 - (4, ...) = 10 - .... = ...

(c) 16 - 8 = ... Solution: 16 - (..., ...) = ... - ...... = ...

(d) 13 - 8 = ... Solution: 13 - (..., ...) = ... - ...... = ...

(e) 18 - 9 = ... Solution: 18 - (..., ...) = ... - ...... = ...

Lesson (15 , 16)

Solving word problems on addition and subtraction



Exercise 1 Answer the following :

(a) **Asmaa has (6) flowers and she get another (7) flowers . How many flowers with Asmaa ?**

Solution (Using one of the following method)

Count on strategy 6 + 7 = 13

double strategy 6 + 7 = 6 + 6 + 1 = 12 + 1 = 13

bonds of 10 strategy 6 + 7 = 6 + 4 + 3 = 10 +3 = 13

(b) **Mokhtar has 6 in a bottle and 8 in another bottle . How many which Mokhtar has ?**



Solution Number of = ... + ... = ...

(c) **Rady saw 2 on the table and 3 under it . How many are there ?**

Solution Number of = ... + ... = ...

(d) **Maryam found 7 and 5 . How many are there ?**

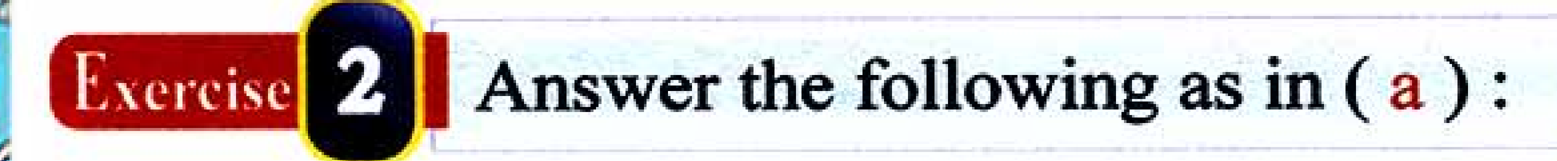


Solution Number of = ... + ... = ...





Chapter 2



Exercise 2 Answer the following as in (a) :

(a) Salma catch 18 she cooked 10 of them ,

How many remained ?

We start with the smallest number 10 then count on the skipping up to 18
So we get 8



Solution Number of = 18 - 10 = 8

(b) Ahmed has 15 he put 6 in water . How many remained ?

Solution Number of = ... - .... = ...

(c) Mostafa bought 16 he put 6 on the table .

How many with him ?

Solution Number of = ... - .... = ...

(d) With Rashida 13 , she gave her father 3 .

How many left with her?

Solution Number of = ... - .... = ...

(e) With Laila 17 and she gave her sister 10 .

How many remained with Laila?

Solution Number of remaining = ... - .... = ...

Self - check on lesson (15 , 16)



1 Using the 120 frame to find as in **a** :

(a) **14 + 4 = ...**

Start : circle the number (14) and count on (4) then we get the number (18)

(b) **28 - 4 = ...**

(c) **33 + 6 = ...**

(d) **67 - 6 = ...**

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

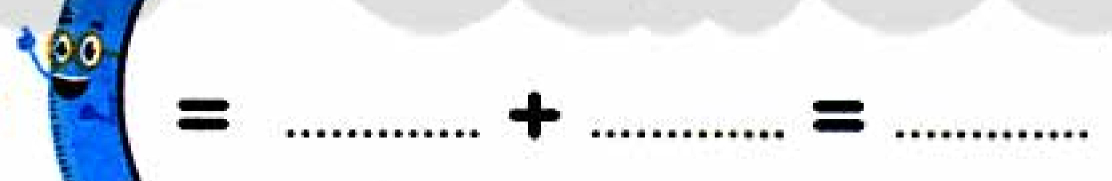
2 Answer the following :

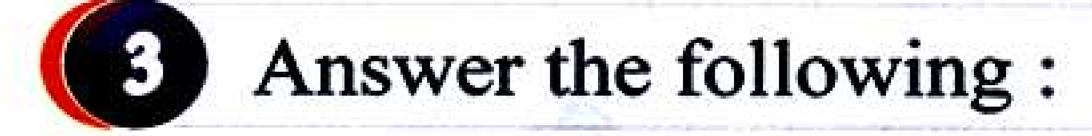
Aya has 4 ruler , her sister has the same number of ruler .
How many rulers do they have ?





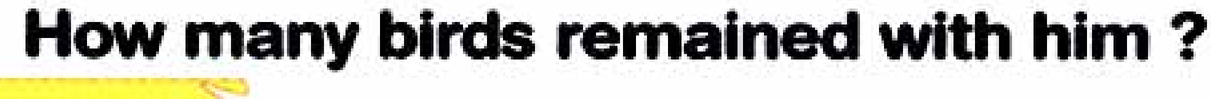
Solution


Number of [ruler] **= .... + ... = ...** [ruler]



3 Answer the following :

Mrawan has 14 birds , he gave 6 birds to his friend .


How many birds remained with him ?


Solution

Number of remaining = ... - .... = ... birds.









4 Using the 120 frame to find as in a :

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

a Shahenda has (8) and she bought another (8) .

What is the total number of ?

Solution Number of = 8 + 8 = 16

b Ezz bought (9) books, he bought another (6) books.

What is the total number of books ?

Solution The total number of book = ... + ... = ...

c Heba has (7) , her teacher gave (9) to her .

What is the number of ?



Solution Number of = ... + ... = ...

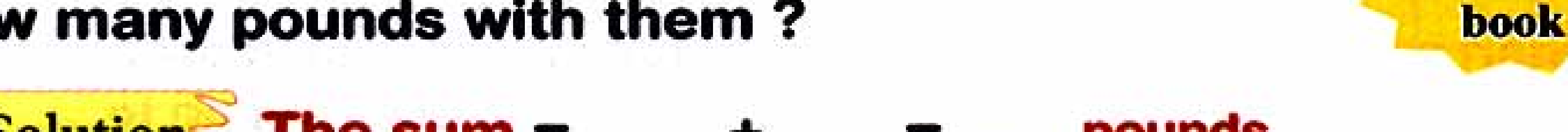
d A class has (17) girls , (9) girls of them are absent .

What is the number of present girls ?

Solution Number of girls = ... - .... = ... girls

e Ali and Ahmed has (9) pounds each .

How many pounds with them ?



Discover book

Solution The sum = ... + ... = ... pounds



General Self - check

1 Answer the following (double strategy) :

(a) 2 + 2 = ... (b) 5 + 5 = ... (c) 8 + 8 = ...

(d) 4 + 4 = ...

(e) 3 + 3 = ...

(f) 1 + 1 = ...

(g) 7 + 7 = ...

2 Using the 120 frame to find :

(a) 25 + 10 = ...

(b) 13 + 10 = ...

(c) 57 - 10 = ...

(d) 76 - 10 = ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

3 Complete using count on strategy :

(a) 6 + 9 = ...
* Start with the greatest ....
* Count on ....
* We get ....

(b) 7 + 5 = ...
* Start with the greatest ....
* Count on ....
* We get ....

(c) 11 - 8 = ...
* Start with the smallest ....
* Count the skipping up to ......
* the difference is ....

(d) 12 - 5 = ...
* Start with the smallest ....
* Count the skipping up to ......
* the difference is ....







4 Use the double to find :

(a) 3 + 4 = ... + ... + 1 = ... + 1 = ...

(b) 7 + 8 = ... + ... + ... = ... + ... = ...

5 Use the bonds of 10 to find :

(a) 8 + 7 = ...   Solution 8 + [... / ...] = 10 + ... = ...

(b) 14 - 6 = ...   Solution 14 - [... / ...] = 10 - ... = ...

6 A class has (17) pupils , (9) of them are girls.
Find the number of boys ?



Solution Number of boys = ... - .... = ... boys

7 My father bought some pens for L.E 19 , he pay L.E 7. What is the remainder price ?   Discover book

Solution The remainder = ... - .... = ... pounds

8 By asking the pupils about the favourite day in the week :
Saturday 3 pupils , Sunday 7 pupils , Monday 5 pupils , Tuesday 6 pupils .

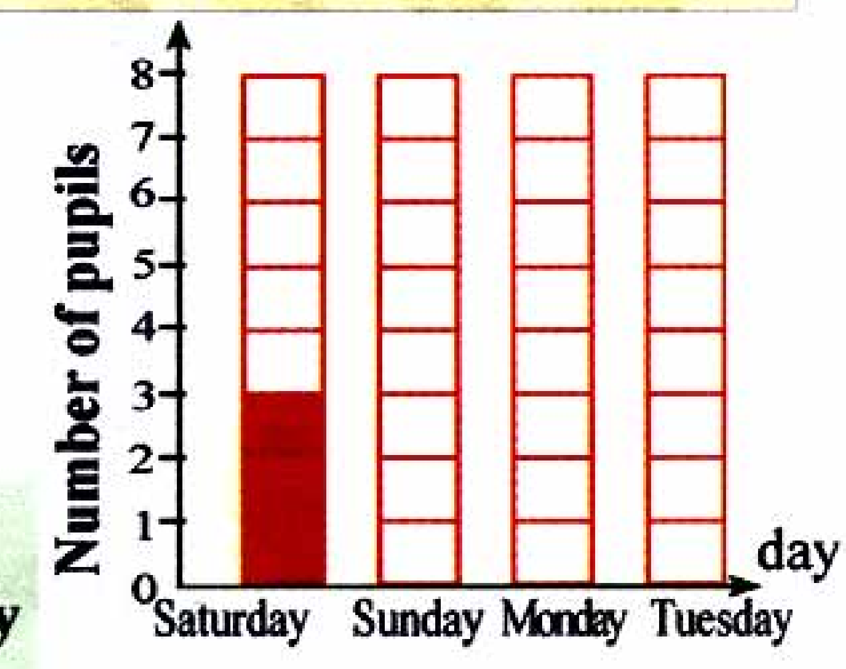
(a) Complete by colouring the bars

(b) The favourite day is ....

(c)

Number of pupils who prefer Saturday 

Number of pupils who prefer Tuesday



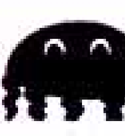
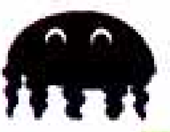


Lesson (17 , 18)
Solving problems on the missing number



Exercise 1 Find the missing number as in a , b :



a) Medhat has (8)  , he get some  , now he has (13).
What is the number of with him?



solution

Notice : Number + Number = Result
If the missing number isn't the result so it's subtract problem

8 + ... = 13

8 + 5 = 13

Number of = 5



b) Mokhtar put (3) in a box , he found the number of  become (11). How many was in the box ?



solution

3 + ... = 11

3 + 8 = 11

Number = 8

c) 4 + ... = 12

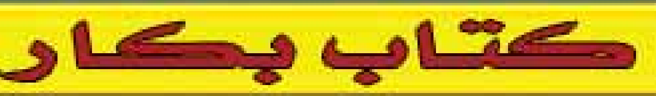
d) 7 + ... = 14

e) 8 + ... = 15

f) 5 + ... = 11

g) 9 + ... = 13

h) 6 + ... = 15



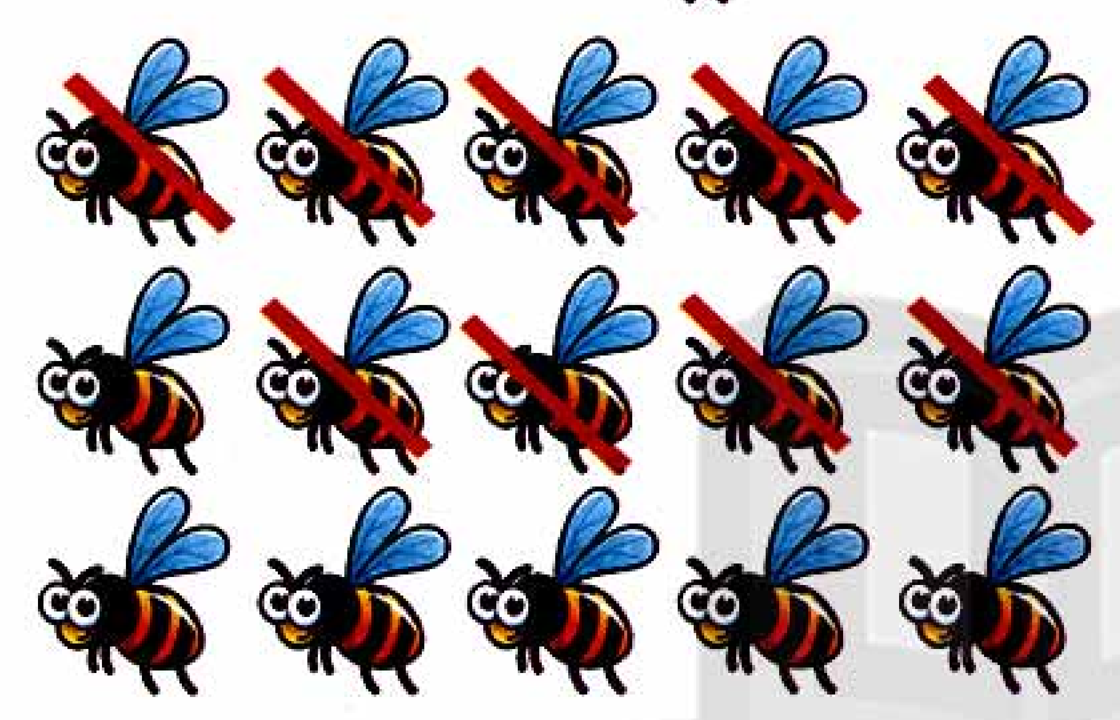


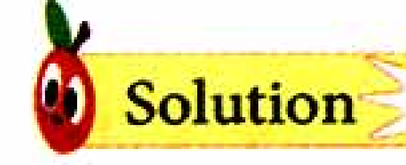


Find the missing number as in a , b :

(a) Nadeen has (15) , (9) of them fly away .

How many  remained ?





15 - .... = 9

15 - 6 = 9

Number of = 6

(b) A box contains (20) (11) of them go out .

How many remained ?





20 - .... = 11

20 - 9 = 11

Number of = 9

(c) 6 - .... = 0

(d) 7 - .... = 1

(e) 8 - .... = 5

(f) 12 - .... = 9

(g) 9 - .... = 4

(h) 14 - .... = 8

(i) 12 - .... = 8

(j) 14 - .... = 7

Self - check on lesson (17 , 18)

1 Find the missing number :

Notice : Number + Number = Result
If the missing number isn't the result so it's subtract problem

a) 4 + ... = 7
b) 7 + ... = 9
c) 9 + ... = 12
d) 11 + ... = 14
e) 7 + ... = 15
f) 6 + ... = 11
g) 8 + ... = 13
h) 9 + ... = 15
i) 5 + ... = 14
j) 6 + ... = 12

2 Find the missing number :

a) 9 - .... = 4
b) 7 - .... = 2
c) 4 - .... = 4
d) 11 - .... = 8
e) 15 - .... = 12
f) 13 - .... = 7
g) 10 - .... = 6
h) 6 - .... = 1
i) 17 - .... = 9
j) 12 - .... = 5



3 Find the missing number :

(a) 5 + ... = 10

(b) 6 + ... = 12

(c) 9 + ... = 18

(d) 10 + ... = 20

(e) 8 + ... = 16

(f) 7 + ... = 14

4 Answer the following :

(a) **My Dad bought (12) pens , then he gave (7) pens of them to my sister . How many pens remained ?**

Solution: **Number of pens = 7 + ... = 12 pens**

The remained = ... pens

(b) **I have (15) books , I pot (9) books in a bag .**
How many book remained ?

Solution: **Number of books = 9 + ... = 15 books**

The remained = ... books

Discover book

(c) **I'm (Noor's mother) , I met a tourist group of 17 tourists , 10 of them go their rooms and the rest went out for walking . How many tourists go out ?**

Solution: **Number of tourists = 17 - .... = 10 tourists**

The rest number = ... tourists



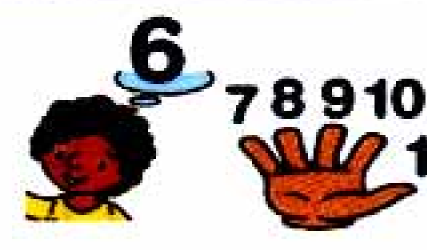

Lesson (19 , 20)

Activity to Add or Subtract

Exercise 1 Find the missing number as Ex :

Fingers strategy

Ex 6 + ... = 12





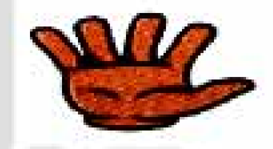
Solution 6 + 6 = 12

Number = 6 Fingers




a) 10 + ... = 16 .... Fingers





b) 11 + ... = 19 .... Fingers





c) 8 + ... = 12 .... Fingers





d) 14 + ... = 17 .... Fingers



Exercise 2 Find the missing number as Ex :

Ex 13 - .... = 6



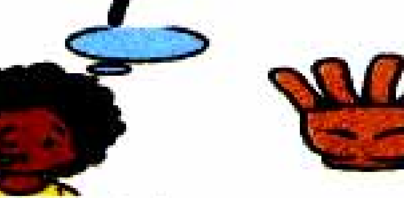




Solution 13 - 7 = 6

Number = 7

a) 11 - .... = 7 .... Fingers





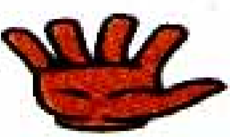

b) 19 - .... = 11 .... Fingers





c) 13 - .... = 9 .... Fingers





Chapter 2

Exercise 3 Enjoy with game 101 or more (adding using 120 frame) :

Tools : dice, 120 chart , (red the green pencils)
Players : Father (with red pencils), Son (with green pencils)
The steps :

(1) The father throws the dice, for example, obtaining (4) Colour on the chart with red

(2) The son throws the dice, for example, he gets (3) so it will be (4 + 3 = 7) colour with green the number 7

(3) The father throws the dice, for example, he gets (6), so it Will be (7 + 6 = 13). colour with red the number 13

(4) The son throws the dice, for example, he gets (2) so it will be (13 + 2 = 15). colour with green the number 15
and so on the game continues, who first reaches the number 101 or more becomes the winner

Math Jornal

111	112	113	114	115	116	117	118	119	120
101	102	103	104	١٠٥	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Self - check on lesson (19 , 20)

1 Find the missing number :

Ex 9 + ... = 13

9 10 11 12 13

9 + 4 = 13

Solution 4 Fingers

a) 7 + ... = 14

b) 12 + ... = 17

c) 3 + ... = 10

d) 6 + ... = 16

2 Find the missing number :

Ex 13 - .... = 9



13 - 4 = 9

Solution 4 Fingers

a) 9 - .... = 5

b) 11 - .... = 8

c) 18 - .... = 9

d) 5 - .... = 1

3 Use the Chart to find the following :

a) 21 + 10 = ...

b) 32 + 20 = ...

c) 66 + 31 = ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10



4 Use the chart to find the following :

a) 50 - 10 = ...

b) 72 - 20 = ...

c) 68 - 34 = ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10



5 Answer the following :

a) I had (8) cookies , I ate all of it .

How many cookies did I have left ?



Solution

The rest = ... - .... = ... Piece

b) The number of students in the morning line was (19) students (7) of them left . How many students are still in the line ?



Solution

The number of rest = ... - .... = ... student

c) My sister likes to draw. She drew (9) pictures, then she drew (7) other pictures . How many pictures did my sister drew ?

Solution

Number of picture = ... + ... = ... pictures

Self - check 1 Chapter 2

1 Use double to find the following :

a) 3 + 4 = ... + ... + 1 = ... + 1 = ...

b) 6 + 7 = ... + ... + 1 = ... + 1 = ...

2 (3) fish put in Aquarium so the number become (11) fish.
How many fish were in the aquarium ?

Solution: Number of fish = ... - .... = ... Fish

3 Fill in the missing number :

a) 5 - .... = 2

b) 9 + ... = 14

c) 7 + ... = 14

d) 14 - .... = 4

4 Use the chart to find the following :

a) 5 + 7 = ...

b) 11 + 8 = ...

c) 30 + 12 = ...

d) 40 - 20 = ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Self - check 2 Chapter 1,2

1 Use the strategies to find :

(a) 6 + 7 = 6 + ... + ... = 10 + ... = ...

(b) 8 + 5 = 8 + ... + ... = ...+ .... = ...

2 Salah Picking (13) rose and then picking (6) other roses.
What is the number that Salah picking from the roses ?

Solution Number of roses = ... + ... = ... a rose

3 Find the missing number :

(a) 7 + ... = 12

(b) 8 - .... = 4

(c) 16 - .... = 8

(d) 5 + ... = 11

4 Use the chart to find the following :

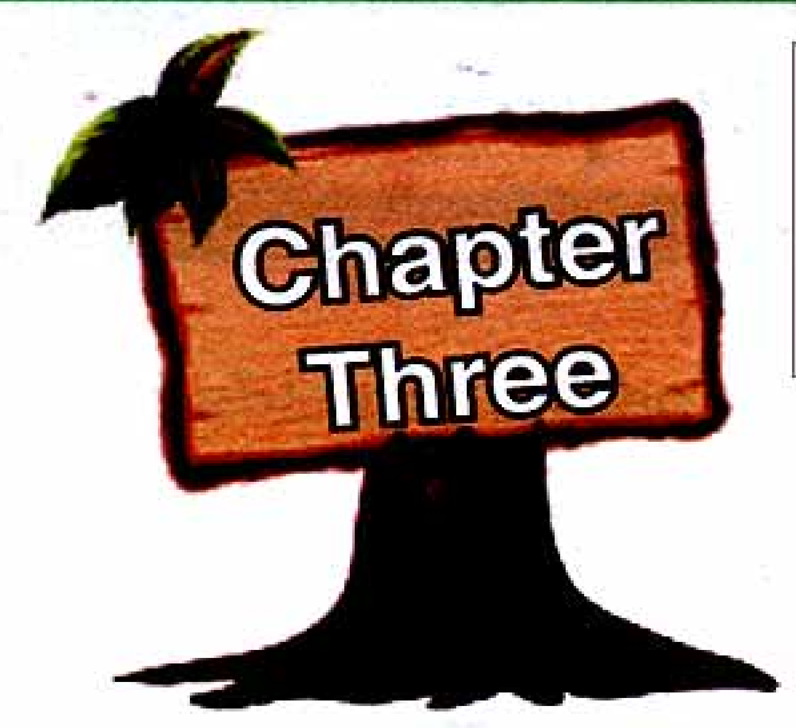
(a) 9 + 8 = ...

(b) 15 + 6 = ...

(c) 20 + 11 = ...

(d) 60 - 20 = ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10



لا تنس الاشتراك في
قنوات ذاكرولي
على تطبيق التليجرام



Numbers up to ٩٩٩

Key Vocabulary

Arrange	رتب
Ascending	تصاعدي
Compare	قارن
Descending	تنازلي
Dice	حجر نرد
Digit	رقم
Driver	سائق
Earn	كسب
Equal	يساوى
Farmer	فلاح
First	أول
Greater Than	أكبر من
Greatest	الأكبر
Hundred	١٠٠

Least	أقل
Less Than	أقل من
Ones	آحاد
Order	ترتيب
Pattern	نمط
Place Value	قيمة مكانية
Second	ثاني
Seller	بائع
Standard Form	الصيغة القياسية
Symbol	رمز
Tens	عشرات
Third	ثالث
Value	قيمة
Word Form	الصيغة اللفظية
Expand form	الصورة الممتدة

Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise insipred by Math Jornal
- Exercise inspired by Discover Book

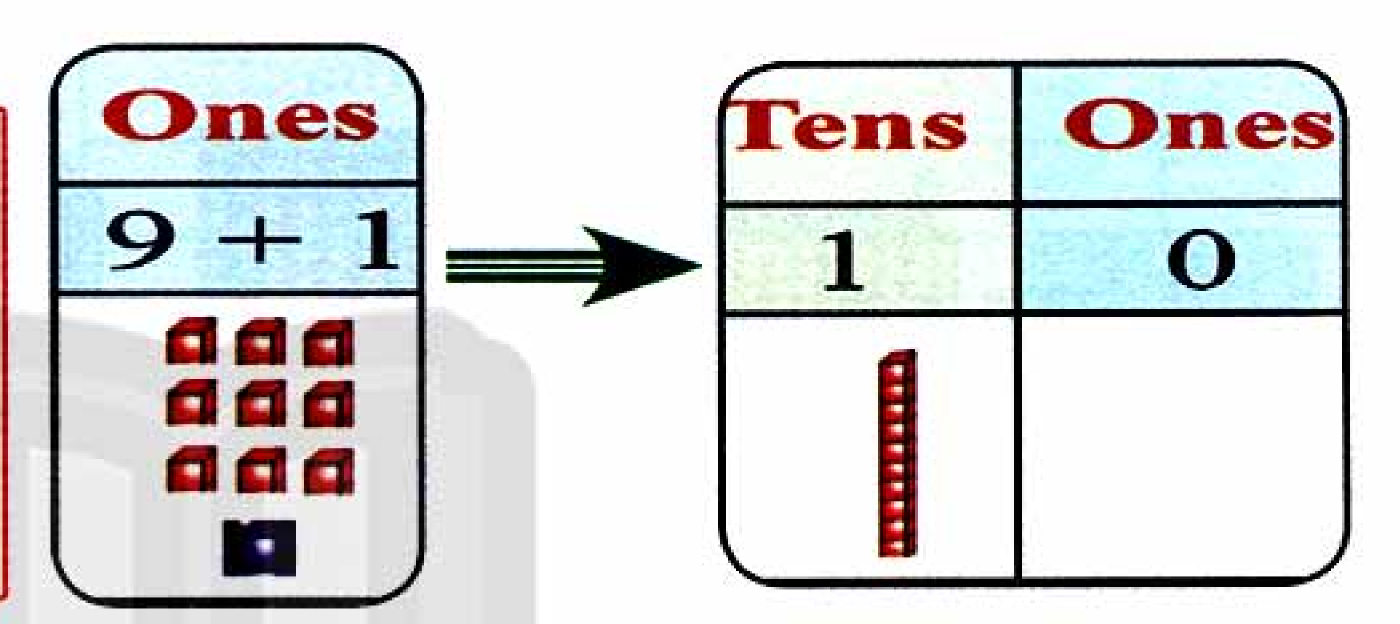
Lesson (21 , 22)

3 - digit number - Place value

Activity 1 The digits : 0 , 1, 2 , 3 , 4 , 5 , 6 ,7, 8 , 9



The number just after 9 is 10 (ten)



Activity 2 2 - digits numbers : 10 , 11 , 12 , ... , ... , 99

Hundred	Tens	Ones
	9	9
	9	9

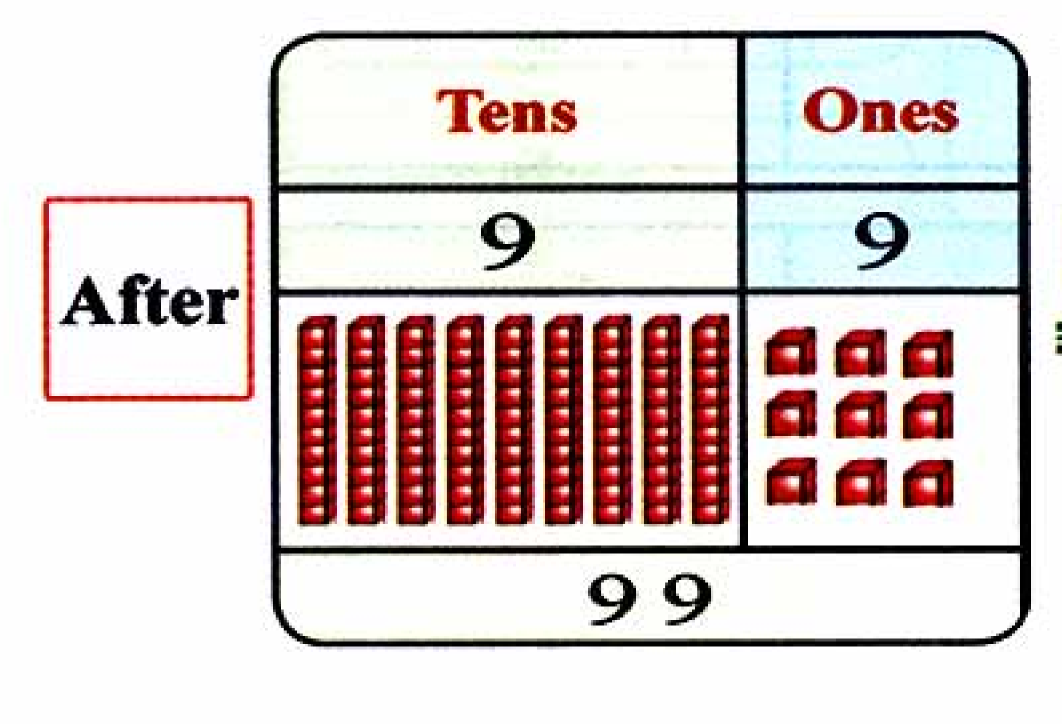
The number just after 99 is 100 (one hundred)

Hundred	Tens	Ones
	9	9+1
10 Ones = 1 Tens		

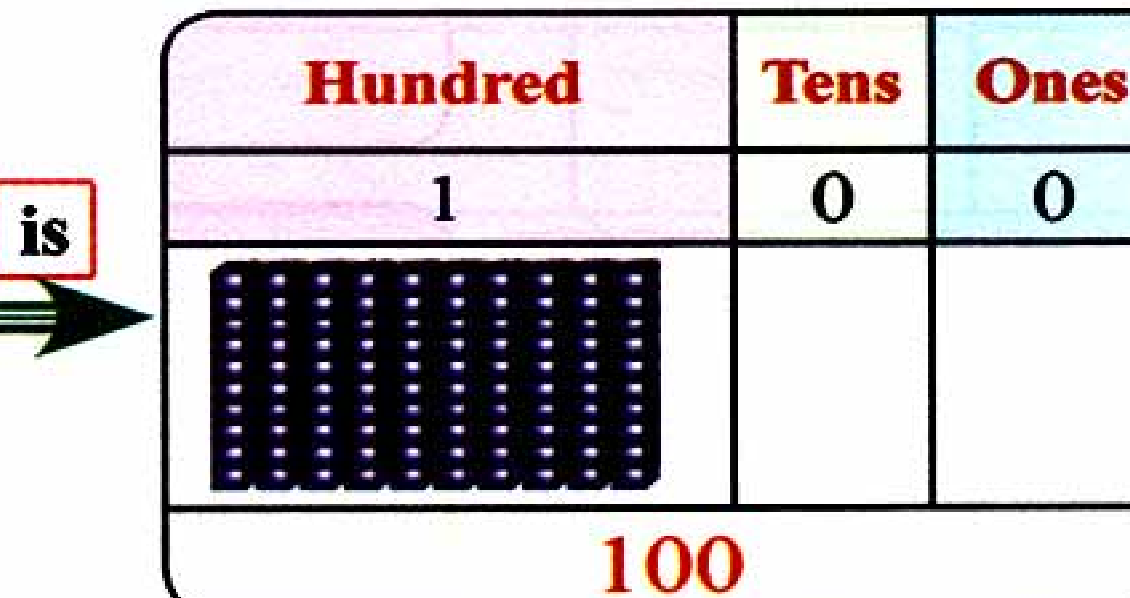
Hundred	Tens	Ones
	9+1	0
10 tens = 1 Hundred		

Hundred	Tens	Ones
1	0	0

After



is



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Numbers up to 999

Activity 3 The 3- digit numbers :

Hundred	Tens	Ones

Exercise 1 Notice the number of hundreds :

100 200 300 400 500

Exercise 2 Write the numbers as Ex :

Ex

The number	Hundred	Tens	Ones
274	2	7	4

The number	Hundred	Tens	Ones
182			

The number	Hundred	Tens	Ones
218			

Self - check on lesson (21, 22)

1 As Rolling a fair dice three time : the first represent the hundred , the second represent Tens , the third represent ones.

Ex

Rolling	First	Second	Third
	4	6	5

Hundred	Tens	Ones
4	6	5

Solution

The number
465

Rolling	First	Second	Third
	1	2	3

The number ....

Hundred	Tens	Ones

Rolling	First	Second	Third
	2	3	6

The number ....

Hundred	Tens	Ones

Rolling	First	Second	Third
	3	6	4

The number ....

Hundred	Tens	Ones

Rolling	First	Second	Third
	1	5	5

The number ....

Hundred	Tens	Ones





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Numbers up to 999

2 Write as Ex :

Ex

The number	Hundred	Tens	Ones
200	2	0	0

The number	Hundred	Tens	Ones
300			

The number	Hundred	Tens	Ones
400			

The number	Hundred	Tens	Ones
500			

The number	Hundred	Tens	Ones
600			

The number	Hundred	Tens	Ones
700			

The number	Hundred	Tens	Ones
800			

The number	Hundred	Tens	Ones
900			

3 Write as Ex :

Ex

The number	Hundred	Tens	Ones
821	8	2	1

The number	Hundred	Tens	Ones
385			

The number	Hundred	Tens	Ones
274			

The number	Hundred	Tens	Ones
946			

The number	Hundred	Tens	Ones
935			

The number	Hundred	Tens	Ones
602			

The number	Hundred	Tens	Ones
340			

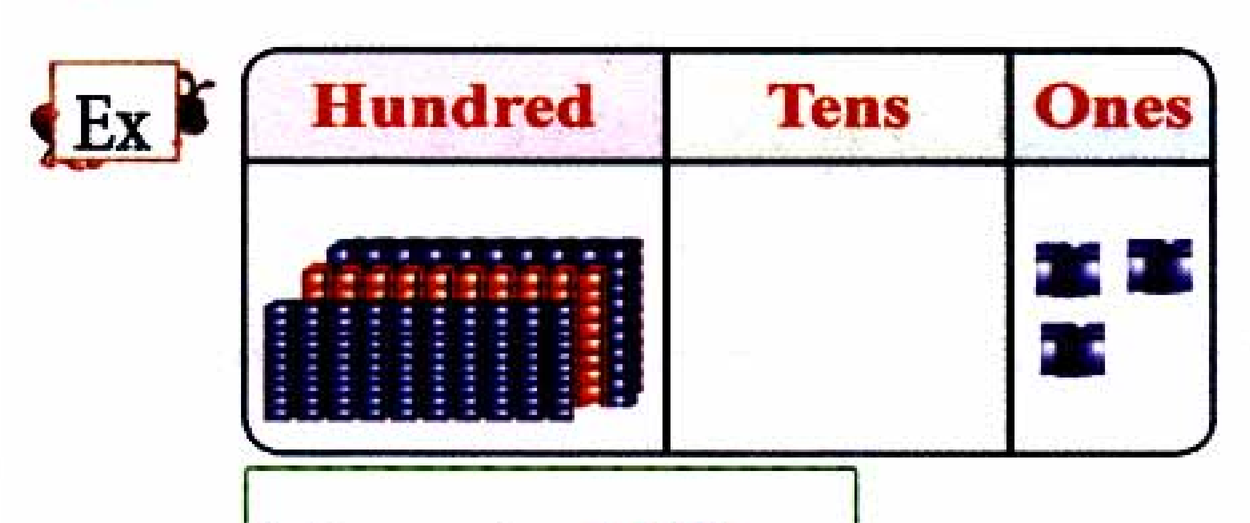
The number	Hundred	Tens	Ones
777			







4 Write as Ex :



Ex

Hundred	Tens	Ones

The number 303

Hundred	Tens	Ones

The number ....

Hundred	Tens	Ones

The number ....

Hundred	Tens	Ones

The number ....

5 Complete as Ex :



Ex 5 hundreds = ... tens = ... ones

solution 5 hundreds = ...50... tens = ...500... ones

a) 3 hundreds = ... tens = ... ones

b) 7 hundreds = ... tens = ... ones

c) 2 hundreds = ... tens = ... ones

d) 9 hundreds = ... tens = ... ones

e) 1 hundreds = ... tens = ... ones

f) 8 hundreds = ... tens = ... ones

Lesson (23 , 24)

Forming : 3 - digit numbers

Activity 1 Complete as Ex [Expand form] :

Ex	The number 635	6 hundreds = 600	3 tens = 30	5 ones = 5
a	The number 470	.... hundreds = ...	.... tens = ...	.... ones = ...
b	The number 555	.... hundreds = ...	.... tens = ...	.... ones = ...

Exercise 1 Complete as Ex :

	The number		Hundreds	Tens	Ones		Expand Form
Ex	153	=	1	5	3	=	100 + 50 + 3
a	89	=	....	....	....	=	.... + ... +........
b	307	=	....	....	....	=	.... + ... +........

Exercise 2 Complete as Ex :

Ex 537 = 500 + 30 + 7

a) 542 = ... + ... + ...

b) 691 = ... + ... + ...

c) 389 = ... + ... + ...

Activity 2 Notice the word form of numbers : Word Form

The digit	
1	One
2	Two
3	Three
4	Four
5	Five
6	Six
7	Seven
8	Eight
9	Nine
0	Zero

Whole tens	
10	Ten
20	Twenty
30	Thirty
40	Forty
50	Fifty
60	Sixty
70	Seventy
80	Eighty
90	Ninety
100	Hundred

Exercise 3 Write in digit as Ex :

Ex Seven The number : 7

a) Twenty The number : ....
b) Ninety The number : ....
c) Five The number : ....
d) Eighty The number : ....
e) Nine The number : ....
f) Sixty The number : ....

Self - check on lesson (23 , 24)

1 Complete as Ex :

Ex

The number	Hundreds	Tens	Ones		
237	2	3	7	=	200 + 30 + 7

	The number		Hundreds	Tens	Ones		
a	71	=	....	....	....	=	.... + ... +........
b	801	=	....	....	....	=	.... + ... +........
c	120	=	....	....	....	=	.... + ... +........
d	70	=	....	....	....	=	.... + ... +........
e	23	=	....	....	....	=	.... + ... +........

2 Write the expand form of the following as Ex :

Ex 157 = 100 + 50 + 7

a) 264 = ... + ... + ...

b) 139 = ... + ... + ...

c) 420 = ... + ... + ...

d) 702 = ... + ... + ...

e) 915 = ... + ... + ...



3 Complete as Ex :

		Hundreds	Tens	Ones
Ex	A school has 623 pupil =	6	2	3
a	A garden has 432 flower =	....	....	....
b	A party has 307 person =	....	....	....
c	A farm has 500 duck =	....	....	....

4 Write the number as Ex :

Ex 4 hundreds + 5 tens + 2 ones = ...

Solution 400 + 50 + 2 = 452

a) 2 hundreds + 3 tens + 5 ones =
.... + ... + ... = ...

b) 3 hundreds + 8 tens =
.... + ... = ...

c) 7 hundreds + 7 ones =
.... + ... = ...

d) 8 hundreds + 3 tens =
.... + ... = ...

e) 5 hundreds + 3 tens + 6 ones =
.... + ... + ... = ...



5 Complete as Ex :

	Hundreds	Tens	Ones	The number
Ex	2	2	4	200 + 20 + 4 = 224
	7	6	0	...... + ... + ... = ...
	3	5	3	...... + ... + ... = ...
	9	0	4	...... + ... + ... = ...

6 Join as Ex :

Ex The number : 30	Sixty
The number : 4	Eight
The number : 60	Seventy
The number : 8	Thirty
The number : 70	Four

7 Complete the following : Standard Form

a) 3 hundreds , 6 tens , 5 ones = ...

b) 2 hundreds , 6 tens , 4 ones = ...

c) 3 hundreds , 5 tens , 2 ones = ...

d) 4 hundreds , 6 ones = ...

e) 4 hundreds , 6 tens = ...

Lesson (25 , 26)

Writing numbers from 11 up to 19 in word - Place value

Activity 1 Notice :

Counting number up to 20			
Eleven	11	Sixteen	16
Twelve	12	Seventeen	17
Thirteen	13	Eighteen	18
Fourteen	14	Nineteen	19
Fifteen	15	Twenty	20

Exercise 1 Write in digit as Ex :

Word Form

Ex Seventeen The number : 17 , Twenty seven The number : 27

a) Twenty The number : ....

b) Eleven The number : ....

c) Thirty five The number : ....

d) Eighty seven The number : ....

e) Twelve The number : ....

f) Fourteen The number : ....

g) Fifteen The number : ....

h) Nineteen The number : ....

i) Fifty six The number : ....

j) Eighteen The number : ....

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Numbers up to 999

Hundreds

Activity 2 Reading :

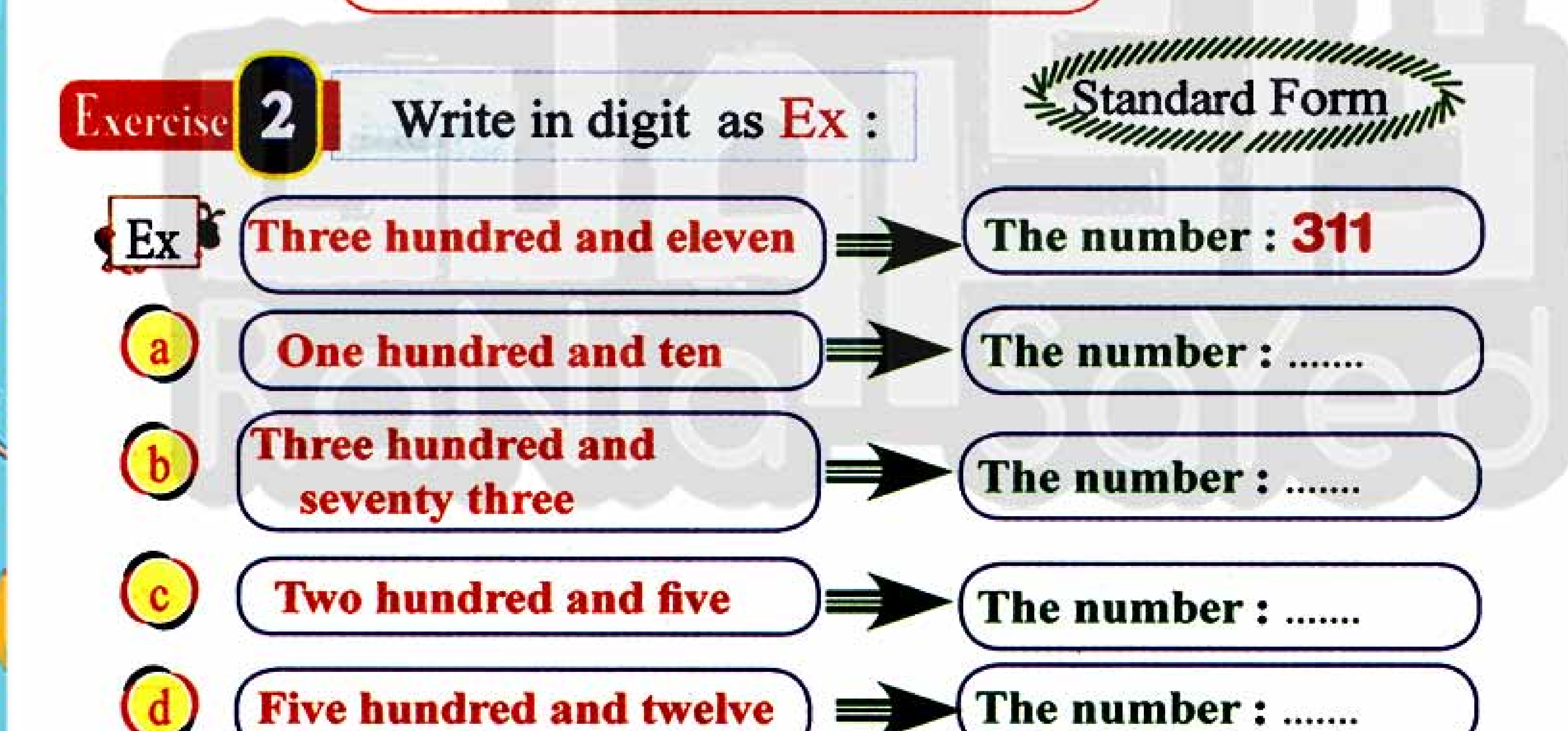
Hundred	100	Four hundreds	400	Seven hundreds	700
Two hundreds	200	Five hundreds	500	Eight hundreds	800
Three hundreds	300	Six hundreds	600	Nine hundreds	900
				One thousand	1000

Activity 3 Reading 3- digit number :

239

- To read 3- digit number
- Start from left to right as

Two hundred and thirty nine



Exercise 2 Write in digit as Ex :

Standard Form

Ex Three hundred and eleven → The number : 311

a) One hundred and ten → The number : ....

b) Three hundred and seventy three → The number : ....

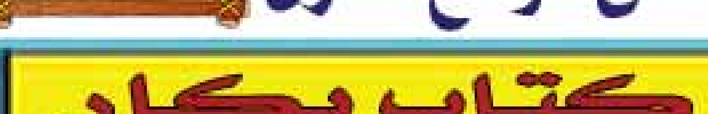
c) Two hundred and five → The number : ....

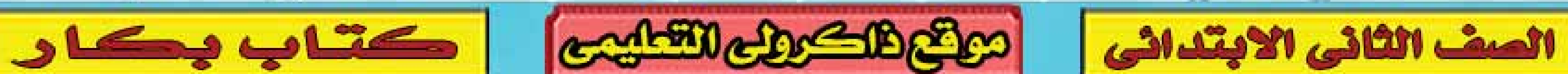
d) Five hundred and twelve → The number : ....

e) Seven hundred and twenty nine → The number : ....

f) Four hundred and twenty one → The number : ....

g) Eight hundreds → The number : ....





Self - check on lesson (25 , 26)

1 Join as Ex :

Ex The number : 50 → Fifty	Twenty three
The number : 19	Six
The number : 17	Nineteen
The number : 23	Fifty
The number : 6	Seventeen

2 Write in digits as Ex :

a) Five hundred and eleven = 511

b) Forty two = ...

c) Eight hundred fifty nine = ...

d) Seven hundred and seventeen = ...

e) One hundred and nine = ...

f) Nine hundred and four = ...

g) Two hundreds and seventy = ...

h) Four hundreds and forty four = ...

BAKKAR **Numbers up to 999**

3 Write in letters as Ex :

The number

Ex 19 is : Nineteen

a) 8 is : .... , 80 is : ....

b) 5 is : .... , 15 is : ....

c) 16 is : .... , 6 is : ....

d) 70 is : .... , 17 is : ....

4 Complete the following :

a) The number : 4 hundreds , 5 tens , 3 ones = ...

b) 758 = ... + 50 + ...

c) 5 hundred and twelve in digits is ....

d) The number just after 259 is ....

e) 666 = 600 + ... + ...

f) 3 tens + 7 ones = ... + ... = ...

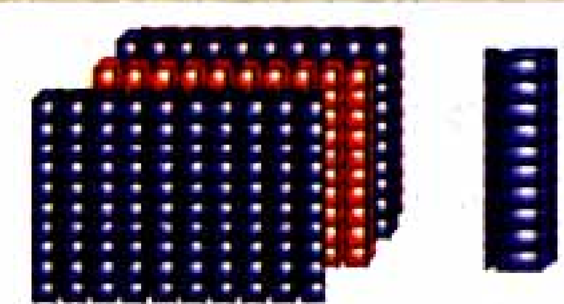
g) 1 Ten + ... ones = ... + ... = 13

h) 5 ones + ... Tens = ... + 70 = ...

i) 700 ones = ... Tens = ... hundreds

General Self - check

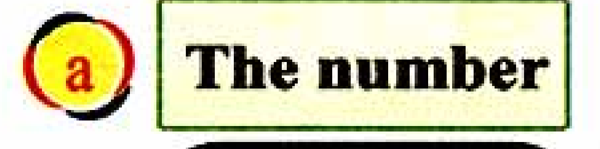
1 Write in digits :



Hundred	Tens	Ones

Hundred	Tens	Ones

2 Complete :



a)

The number		Hundreds	Tens	Ones		
29	=	....	....	....	=	.... + ... + ...

b)

The number		Hundreds	Tens	Ones		
675	=	....	....	....	=	.... + ... + ...

3 Complete the following :

a) Three hundred and fourteen in digits is ....

b) The number just before 684 is ....

c) 9 hundreds = ... tens = ... Ones

d) 609 = ... + ... + 9

e) 8 tens + 6 hundreds + 6 ones = ...

f) 375 = 300 + ... + ...

BAKKAR **Numbers up to 999**

4 Using the chart to find :

a) 4 + 9 = ...

b) 39 - 10 = ...

31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

5 Write the missing number :

a) 4 + ... = 12

b) 9 - .... = 3

c) 14 - .... = 7

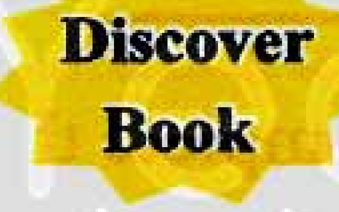
d) 6 + ... = 12

6 Ashraf has 4 sweets and bought another 4 sweets . What is the number of pieces ?



Solution: Number of pieces = ... + ... = ...

7 From the graph complete :

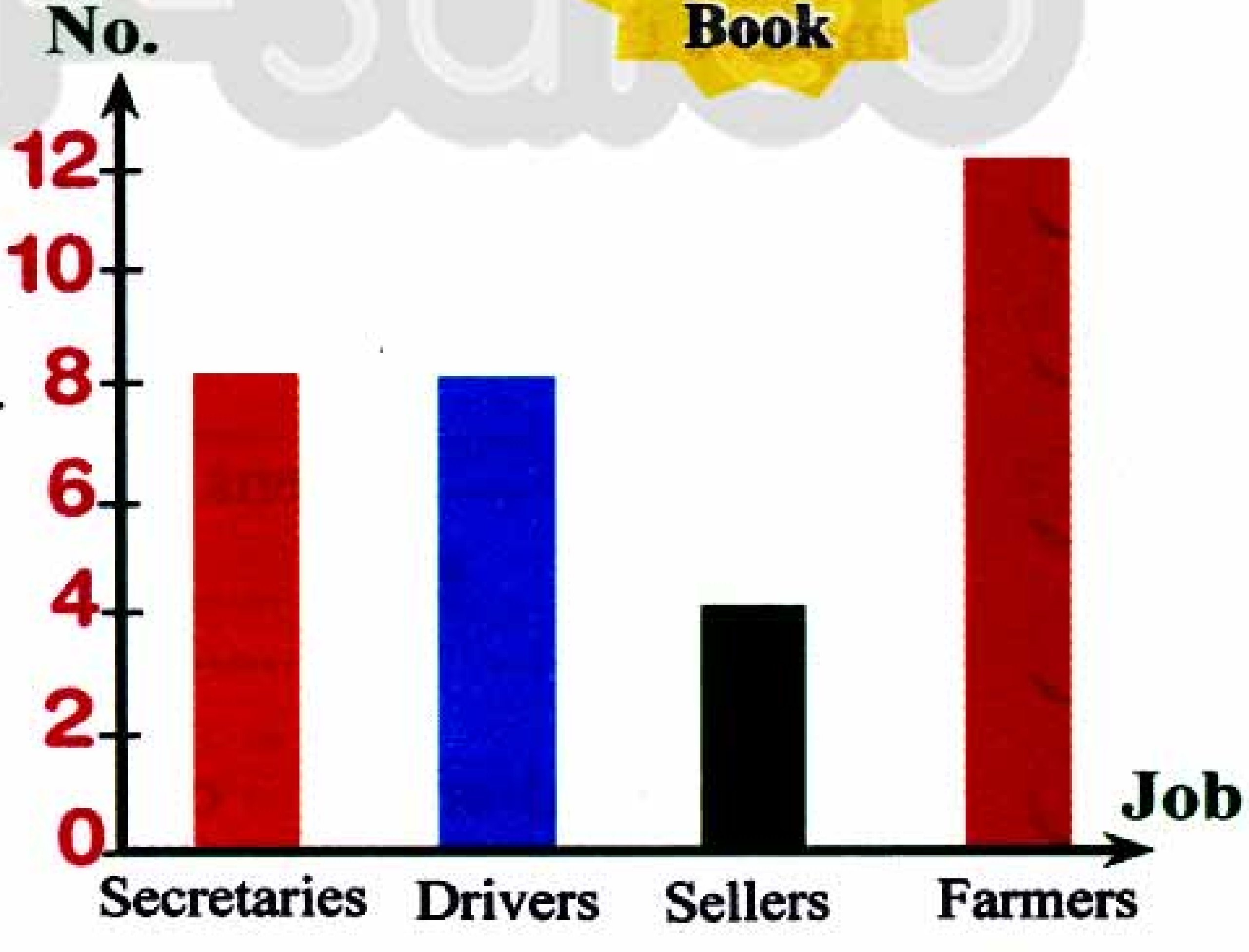


a) Number of farmers = ...

b) Number of drivers = ...

c) Number of secretaries = ...

d) Number of sellers and Drivers = ...





Lesson (27 , 28)

Comparing using (< , > or =)

Activity 1 Comparing 3 - digit number :

(1) Compare the hundreds place	(2) Compare the tens place	(3) Compare the ones place
Ex	Ex	Ex
214 531	631 614	874 871
214 < 531	631 > 614	874 > 871

Exercise 1 Put (< , > or =) :

a) 308 375

b) 124 123

c) 709 790

d) 312 312

e) 628 528

f) 748 741

g) 311 310

h) 660 606



Numbers up to 999

Activity 2 Comparing 3- digit number and a 2- digit number :

The number 97

Hundred	Tens	Ones
0	9	7

Hundreds 0 = 0 | Tens 9 = 90 | Ones 7 = 7

The number 351

Hundred	Tens	Ones
3	5	1

Hundreds 3 = 300 | Tens 5 = 50 | Ones 1 = 1

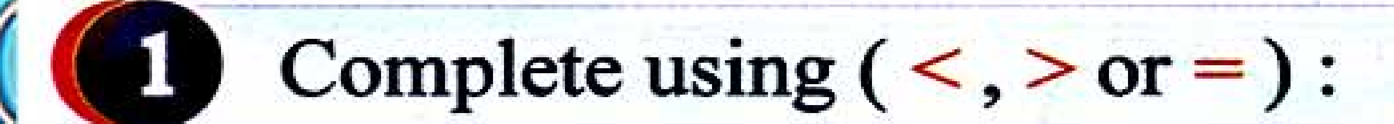
Then 97  351

Any 3 - digit number is more than any 2 - digit number

Exercise 2 Put (<, > or =) :

6 + 10 + 400	....	4 hundreds , 1 ten , 6 ones
6 hundreds , 5 ten , 3 ones	....	635
	....	
	....	

Self - check on lesson (27 , 28)



1 Complete using (< , > or =) :

a) Nine .... Seven
b) Eight .... Seven
c) Six .... Eight
d) Five .... Nine
e) Four .... Three
f) Zero .... Two
g) Ten .... Eleven
h) Nine .... Thirteen
i) Fifteen .... Sixteen
j) Seventeen .... Seven
k) Eighteen .... Seventeen
l) Twelve .... Fourteen
m) Sixteen .... Sixty
n) Nineteen .... Eighteen

2 Complete using (< , > , =) :

a) 81 55
b) 205 45
c) 63 102
d) 150 99
e) 79 215
f) 491 498
g) 711 611
h) 108 108
i) 550 505
j) 123 46

3 Put (< , > or =) :

5 tens , 7 ones	....	507
	....	
754 ducks	....	800 + 50 + 4 From ducks
	....	
170	....	One hundred and seventy

4 Put (< , > or =) :

a) 100 + 30 + 8 .... 100 + 80 + 3

b) 2 + 50 .... 100 + 50 + 1

c) 7 **tens** , 3 **ones** .... 5 **tens** , 4 **ones**

d) 3 **hundreds** , 8 **tens** 380

e) One **tens** .... 5 + 10

f) Six **hundreds** .... seven **hundreds**

Lesson (29 , 30)

The ascending & The descending order of a set of numbers

Activity 1 The ascending order :

Arrange from the smallest to the biggest .

5 , 17 , 8 , 9 , 3

Write the smallest number in the first space then cancel it

3 ....

Then write the smallest number of the remaining and cancel it

3 5 ....

Make this steps to get the order as the following

The ascending order : 3 5 8 9 17

Exercise 1 Arrange the following numbers from the small to the big :

a) 17 23 4 156 11

The ascending order : ....

b) 150 90 40 100 80

The ascending order : ....

c) 202 22 303 11 101

The ascending order : ....

BAKKAR **Numbers up to 999**

Activity 2 The descending order :

Arrange from the biggest to the smallest

4 , 29 , 13 , 56 , 33

Write the biggest number then cancel it

56	....	....	....	....

Then write the biggest number of the remaning and cancel it

56	33	....	....	....

Make this steps to get the order as the following

The descending order : 56 33 29 13 4

Exercise 2 Arrange the following numbers from the greatest to the smallest :

a) 34 241 38 4 28

The descending order : ....

b) 110 230 90 170 10

The descending order : ....

c) 94 904 940 409 490

The descending order : ....

d) 7 28 15 205 91

The descending order : ....

Self - check on lesson (29 , 30)

1 Write in digits :

a) The number just before 35 is ....

b) The number just after 120 is ....

c) The number that lies between 17 and 19 is ....

2 Complete as Ex :

Ex .... , 20 , 30 , ... Solution 10 , 20 , 30 , 40

a) .... , 5 , 7 , ...

b) 4 , ... , ... , 7

c) .... , 30 , 40 , ...

d) 50 , ... , ... , 80

e) .... , 400 , 500 , ...

f) 100 , ... , ... , 400

g) .... , 36 , 37 , ...

h) 521 , ... , ... , 524

3 Complete in the same pattern :

a) 4 , 5 , 6 , ... , ...

b) 5 , 10 , 15 , ... , ...

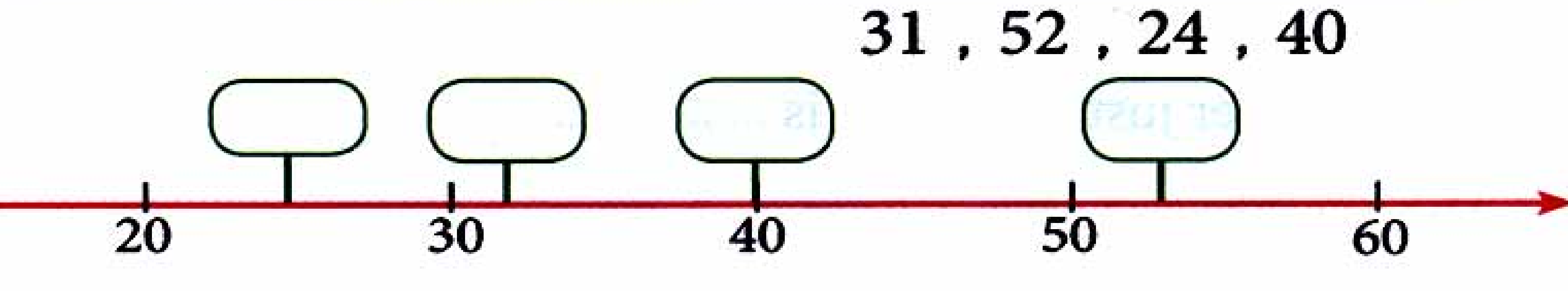
c) 10 , 20 , 30 , ... , ...

d) 200 , 300 , 400 , ... , ...

e) 2 , 4 , 6 , ... , ...

4 Write the numbers in the suitable place on the number line then complete the ascending order :

31 , 52 , 24 , 40



The ascending order : ....

5 My uncle earns 68 pounds a day , My aunt earns 35 pounds , my father earns 52 pounds and my mother earns 42 pounds . Arrange the income grades they receive from the highest income to the least income .

Discover Book

Arrange : .... , ... , ... , ...

6 Arrange the following numbers :

a) 66 , 53 , 78 , 12 , 49

Ascendingly : .... , ... , ... , ... , ...

Descendingly : .... , ... , ... , ... , ...

b) 170 , 94 , 50 , 200 , 31

Ascendingly : .... , ... , ... , ... , ...

Descendingly : .... , ... , ... , ... , ...

c) 706 , 460 , 670 , 607 , 700

Ascendingly : .... , ... , ... , ... , ...

Descendingly : .... , ... , ... , ... , ...

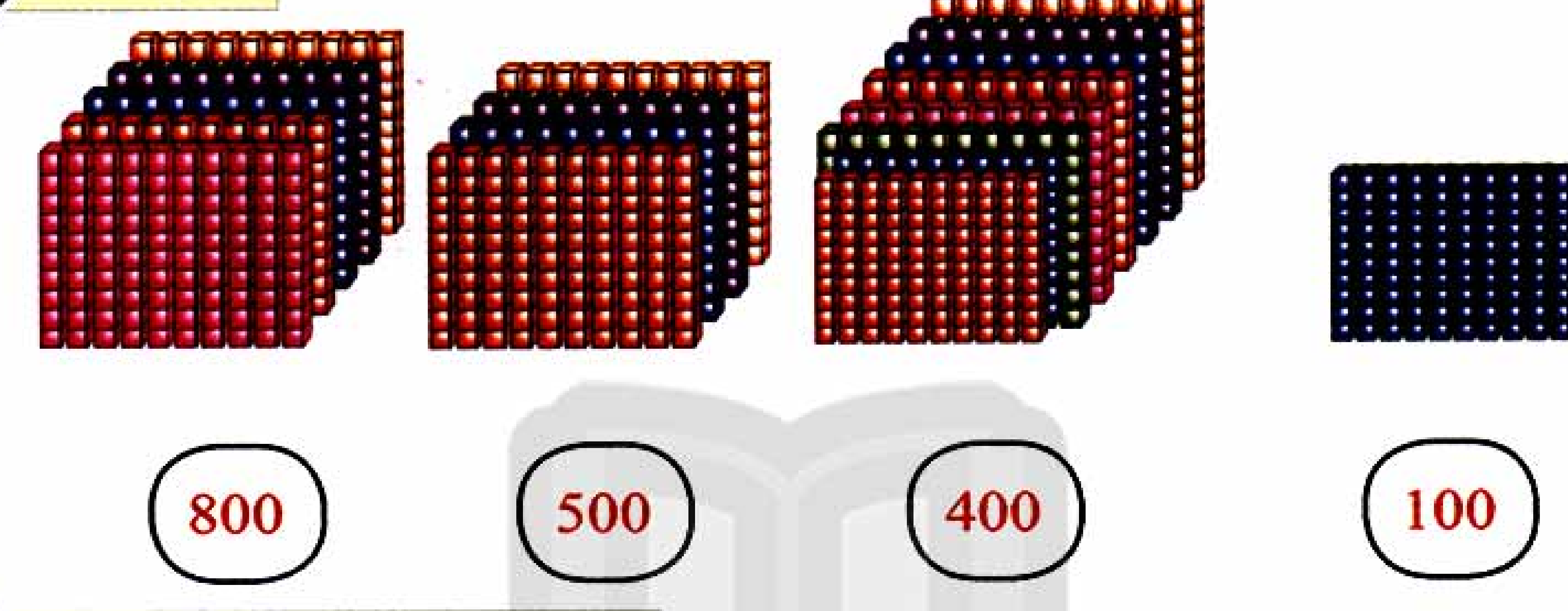
d) 67 , 567 , 967 , 467 , 167

Ascendingly : .... , ... , ... , ... , ...

Descendingly : .... , ... , ... , ... , ...

Self - check 1 Chapter 3

1 Join :



800 500 400 100

2 Write the number :

Hundred	Tens	Ones
5	0	7

The number ....

Hundred	Tens	Ones
6	3	9

The number ....

3 Put (< , > , =) :

a) 804 408

b) 506 723

4 Complete :

a) 723 = ... + ... + 3

b) 195 = ... + 90 + ...

c) The number just before 35 is ....

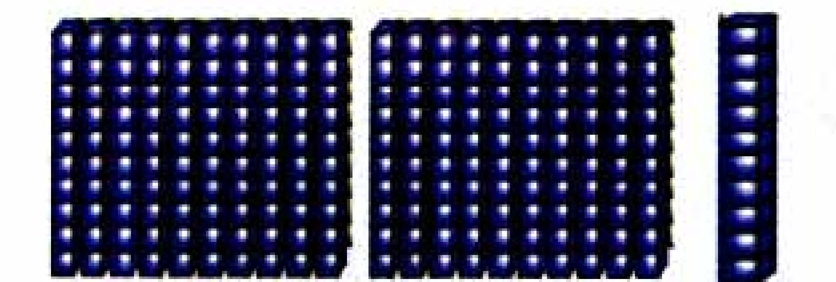
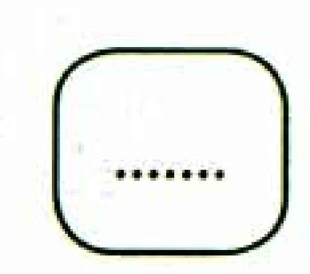
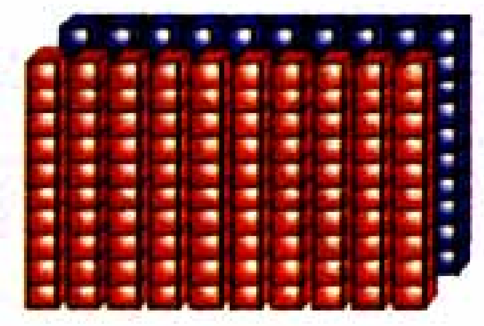
5 Arrange in ascending order :

102 , 21 , 210 , 12 , 120

The order : .... , ... , ... , ... , ...

Self - check 2 Chapter 3

1 Put (< , > , =) :

2 Join :

70 18 300 10

Three hundred Ten Seventy Eighteen

3 Complete :

(a) 9 Tens = ...

(b) The number just after 246 is ....

(c) 7 tens , 5 ones = ... + ... = ...

4 Find the missing numbers :

(a) 4 + ... = 12

(b) 9 - .... = 3

5 Arrange the following descendingly :

512 , 99 , 147 , 11 , 757

The descending order : .... , ... , ... , ... , ...



Self - check 3 Chapters 1,2,3

1 Find the result :

9 + 5	13 + 8	7 + 7	9 + 9	15 - 7	6 - 6
.....	.....	.....	.....	.....	.....

2 Write the number in digits:

(a)

Hundreds	Tens	Ones

The number ....

(b)

Hundreds	Tens	Ones

The number ....

3 Using the chart to find :

(a) 11 + 5 = ...

(b) 3 + 10 = ...

(c) 39 – 10 = ...

31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

4 Complete in the same pattern :

(a) 10 , 20 , 30 , ... , ...

(b) 2 , 4 , 6 , ... , ...

(c) .... , 5 , 7 , 9 , ...

5 Complete :

a) 14 + 5 = ...

b) The number just before 140 is ....

c) Thirteen = ... (in digits)

d) 3 hundreds = ... tens = ... ones

e) 750 [..........] 570

6 Answer the following :

Akram has 16 🍓 , he ate 6 🍓 .
How many 🍓 remained ?

Number of 🍓 = ... - .... = ... 🍓

7 From the table complete the graph :

Discover Book

Colour	Number
Green	6
Red	5
Yellow	4
Brown	3

Number

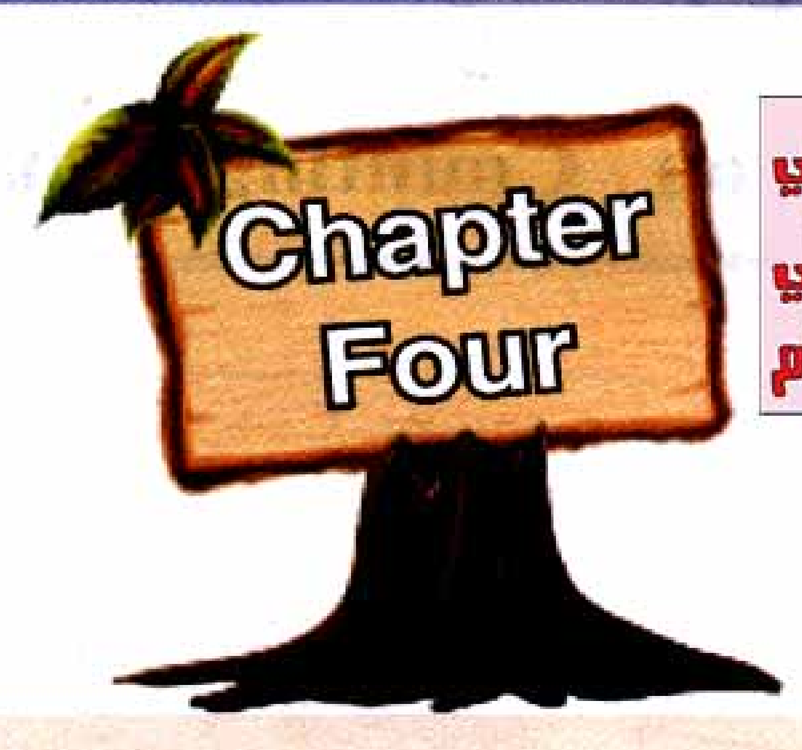
8
7
6
5
4
3
2
1
0

Colour

Green Red Yellow Brown









Number operation

Key Vocabulary

Addend	الأعداد المضافة	Less Than	أقل من
Adding	الجمع	Library	مكتبة
Addition Strategies	استراتيجيه الجمع	Lunch	الغداء
Appeared	ظهر	Numerical card	بطاقة عددية
Breakfast	الإفطار	Ones	الأحاد
Building	مبنى	Piece	قطعة
Compare	يقارن	Place Value	قيمة مكانية
Decomposing	التحليل	Plants	نبات
Dice	حجر نرد	Pull	سحب
Difference	الفرق	Regroup	إعادة تسمية
Donate	تبرع	Rename	إعادة تسمية
Estimate	يقدر	Restaurant	مطعم
Estimate	يقدر	Strategy	الاستراتيجية
Estimation	التقدير	Subtract	اطرح
Grandfather	الجد	Sum	المجموع
		Tens	العشرات

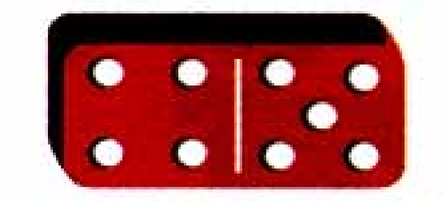
Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise insipred by Math Jornal
- Exercise inspired by Discover Book

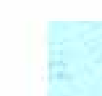


Lesson (31, 32)

Counting on / Counting back



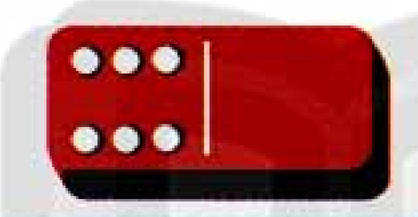
Activity 1 Notice :



4 + 5 5 + 4

We Notice that

4 + 5 = 5 + 4 = 9



0 + 6 6 + 0

We Notice that

0 + 6 = 6 + 0 = 6



Activity 2 Using the chart to find (Use count on strategy):

12 + 7 = ...

21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

We start at 12 and count on 7 we get 19 .

7 + 12 = ...

21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

We start at 7 and count on 12 we get 19 .

We deduced that 12 + 7 = 7 + 12 = 19



We can add two number by any order and we get the same sum but in subtraction can't :

EX : 12 - 7 = 5 but 7 - 12 not possible

Chapter 4



Exercise 1 Find the result as Ex :





7 + 2 = 9 2 + 7 = 9	7 + 2 = 2 + 7 = 9
5 + 8 = ... 8 + 5 = ...	5 + 8 = 8 + 5 = ...
0 + 4 = ... 4 + 0 = ...	0 + 4 = 4 + 0 = ...
5 + 14 = ... 14 + 5 = ...	5 + 14 = 14 + 5 = ...

Exercise 2 Join as Ex :



8 + 11 =.........	14 + 4 =.........
10 + 1 =.........	12 + 6 =.........
4 + 14 =.........	11 + 8 =.........
5 + 15 =.........	1 + 10 =.........
6 + 12 = ...	15 + 5 =.........

BAKKAR **Operations on 3 digit**

Activity 3 When rolling two dice and pull a numerical card :

a

4

The student add the numbers which appeared by roll the two dice with the number on the numerical card (Use count on strategies)

Solution 25 + 4 = 25 = 29

b

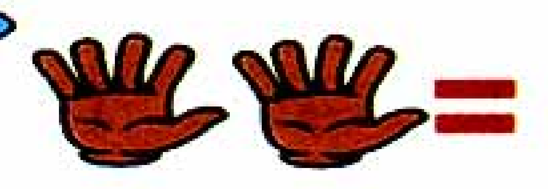
6



Solution .... + 6 = ... = ...

c 7

Solution .... + ... = ... = ...



Exercise 1 Answer the following :

a **There are 35 birds on the tree and 5 birds have joined to them . Find the total number of birds on the tree?**

Solution 35 + 5 = ... = ...




b **There are 64 books in my library , my father gave me another 3 books ,How many books are there in my library now?**

Solution 64 + 3 = ... = ...

Self - check on lesson (31 , 32)

1 Find the result :

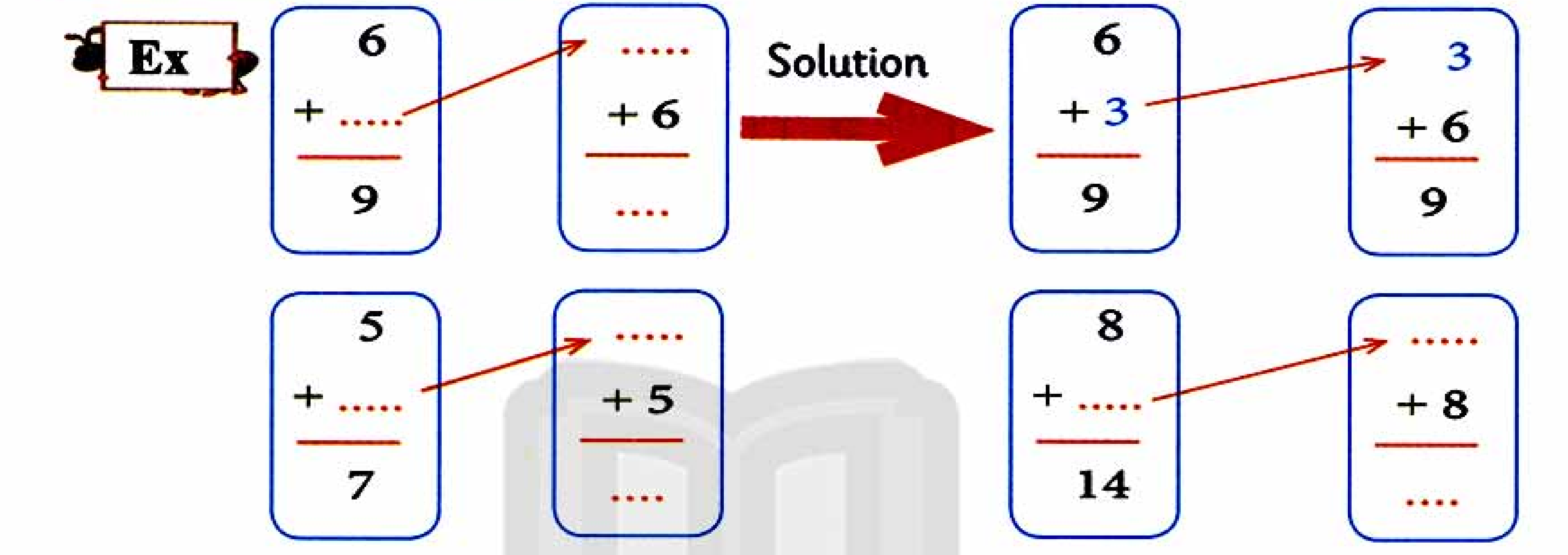
6 + 2 = ...	2 + 6 = ...	5 + 4 = ...	4 + 5 = ...	3 + 1 = ...	1 + 3 = ...
17 + 0 = ...	0 + 17 = ...	0 + 12 = ...	12 + 0 = ...	0 + 7 = ...	7 + 0 = ...
9 + 2 = ...	2 + 9 = ...	3 + 8 = ...	8 + 3 = ...	7 + 6 = ...	6 + 7 = ...
10 + 7 = ...	7 + 10 = ...	15 + 3 = ...	3 + 15 = ...	3 + 12 = ...	12 + 3 = ...

2 Complete :

3 + 5 = 5 + ...	9 + ... = 4 + 9
0 + 6 = ... + 0	7 + 9 = 9 + ...
5 + ... = 14 + 5	...... + 6 = 6 + 8
10 + 9 = 9 + ...	1 + 17 = ... + 1

BAKKAR **Operations on 3 digit**

3 Complete as EX :



4 Complete as in a :

a) Add : 13 + 6

We start at 13 and count on 6 we get 19 , then 13 + 6 = 19

b) Add : 35 + 8

We start at 35 and count on 8 we get 43 , then .... + ... = ...

c) Add : 43 + 5

We start at 43 and count on 5 we get 48 , then .... + ... = ...

5 My father built 7 building then built another 15 building . How many building did he built ?



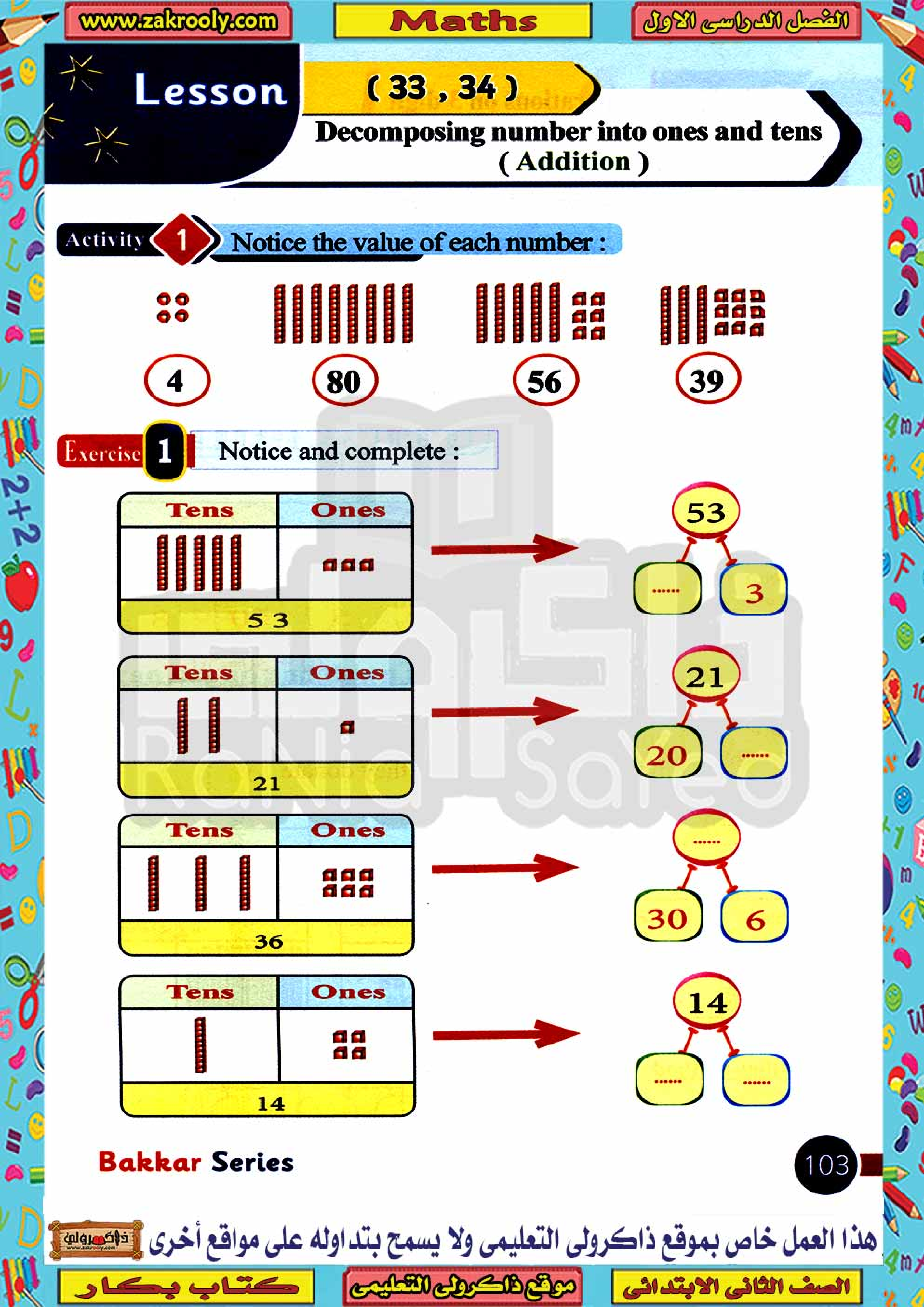
Discover Book



Add : 15 + 7

We start at .... and count on .... ,

The **number of** building = ... + ... = ...



Lesson (33 , 34)

Decomposing number into ones and tens (Addition)

Activity 1 Notice the value of each number :

4 80 56 39

Exercise 1 Notice and complete :

Tens	Ones
5 3	

53 → ...... , 3

Tens	Ones
21	

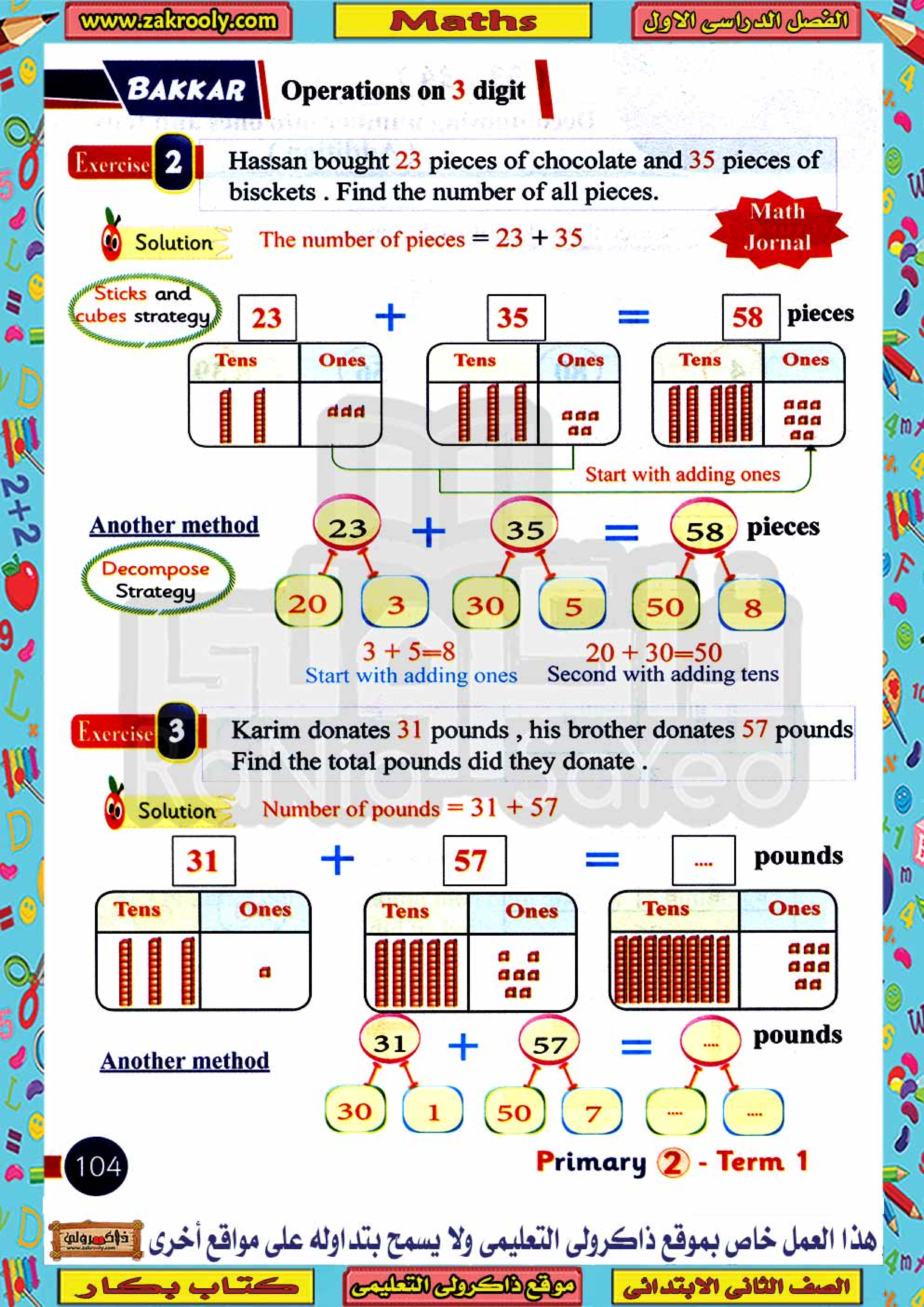
21 → 20 , ...

Tens	Ones
36	

...... → 30 , 6

Tens	Ones
14	

14 → ...... , ...



BAKKAR Operations on 3 digit

Exercise 2 Hassan bought 23 pieces of chocolate and 35 pieces of bisckets . Find the number of all pieces.

Math Jornal

Solution The number of pieces = 23 + 35

Sticks and cubes strategy

23 + 35 = 58 pieces

Tens	Ones

Start with adding ones

Another method

Decompose Strategy

23 + 35 = 58 pieces

20 3 30 5 50 8

3 + 5=8
Start with adding ones

20 + 30=50
Second with adding tens

Exercise 3 Karim donates 31 pounds , his brother donates 57 pounds Find the total pounds did they donate .

Solution Number of pounds = 31 + 57

31 + 57 = ... pounds

Tens	Ones

Another method

31 + 57 = ... pounds

30 1 50 7 ....

Exercise 4 Maryam has 68 pencils , her sister gave her 21 pencils , Find the total number of pencils .

Math Jornal

Solution Number of pencils = 68 + 21

68 + 21 = 89

Tens	Ones
6 rods	8 units

Tens	Ones
2 rods	1 unit

Tens	Ones
8 rods	9 units

Another method

68 + 21 = ...

68 → 60, 8 ; 21 → 20, 1 ; ...... → 80, 9

We can use up and down method to find 68 + 21

	Tens	Ones
	6	8
+	2	1
	......	......

$$\begin{array}{r} 68 \\ +\ 21 \\ \hline 89 \end{array}$$

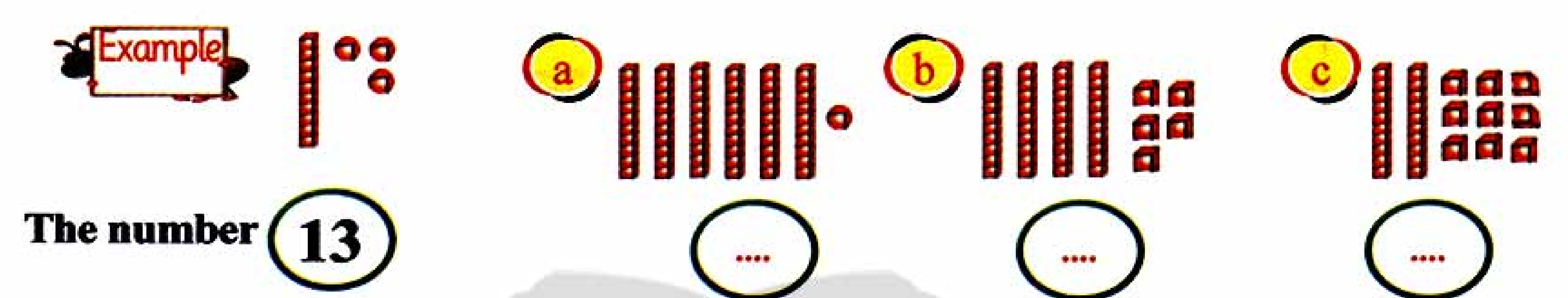
Exercise 5 Find the result :

	Tens	Ones
	4	5
+	3	3
	......	......

$$\begin{array}{r} 45 \\ +\ 33 \\ \hline \text{..........} \end{array}$$

Self - check on lesson (33, 34)

1 Write the number as Ex :

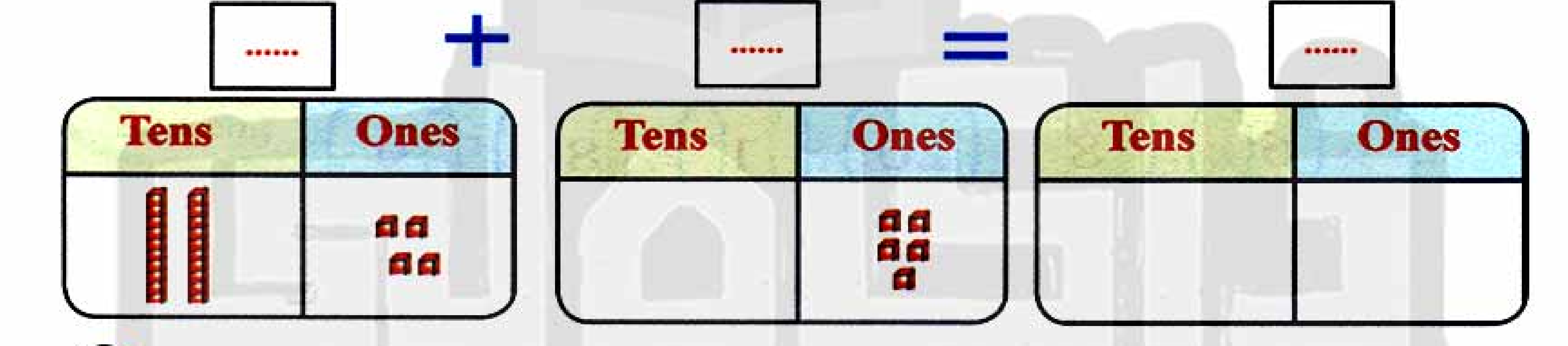


The number (13) (....) (....) (....)

2 Find the result :

a 24 + 5

...... + ... = ...



b 16 + 31

...... + ... = ...

Tens	Ones

Tens	Ones

Tens	Ones

c 45 + 54

...... + ... = ...

Tens	Ones

Tens	Ones

Tens	Ones



3 Find the result :

Tens	Ones
1	1
+ 2	7
....	....

Tens	Ones
2	7
+ 7	1
....	....

Tens	Ones
1	6
+ 5	3
....	....

Tens	Ones
2	4
+ 3	1
....	....

Tens	Ones
3	3
+	4
....	....

Tens	Ones
1	6
+ 3	3
....	....

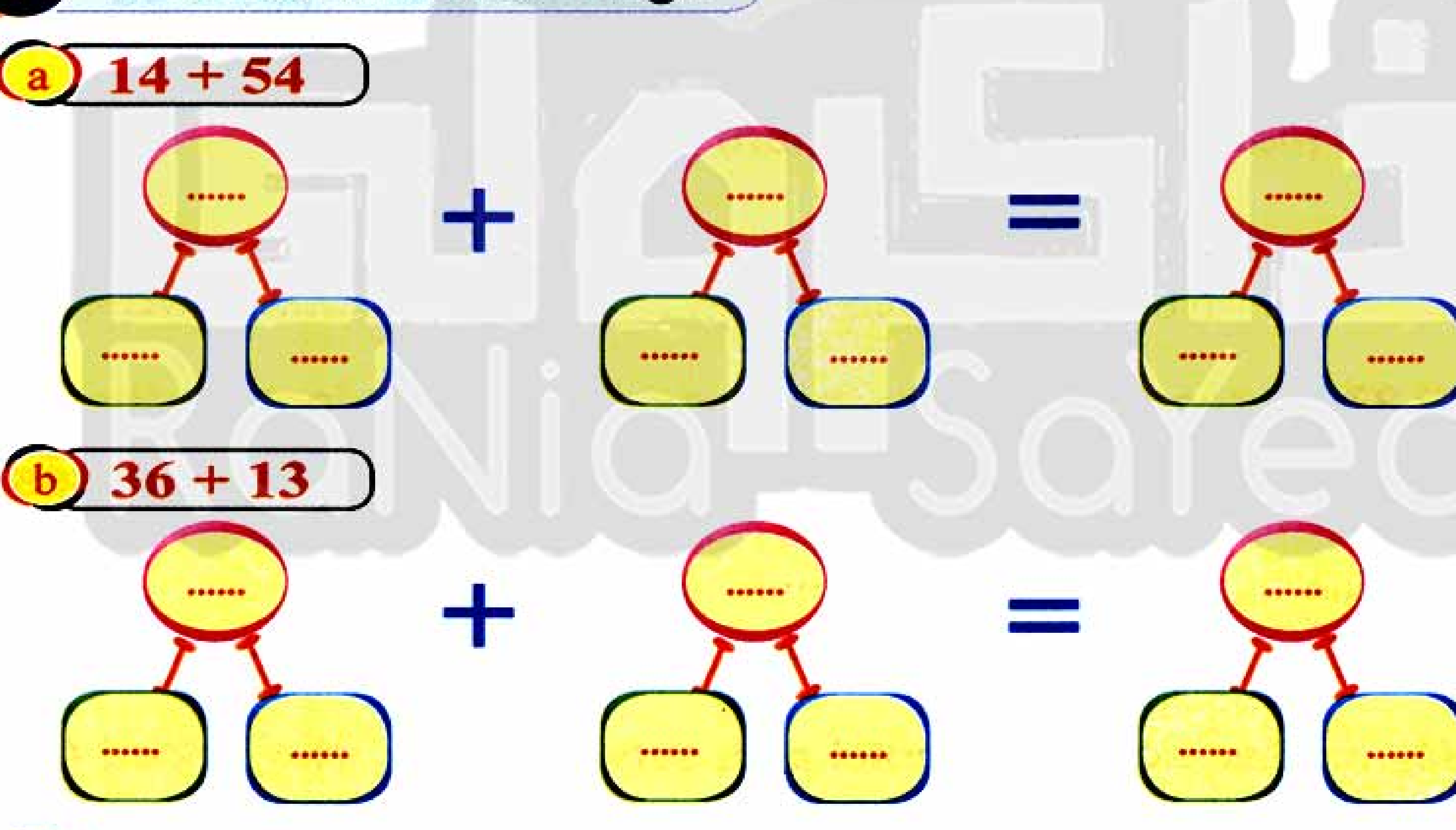
Tens	Ones
3	8
+ 1	1
....	....

Tens	Ones
2	6
+ 4	2
....	....

Tens	Ones
3	3
+ 5	5
....	....

Tens	Ones
1	5
+ 4	0
....	....

4 Answer the following :



a) 14 + 54

...... + ... = ...

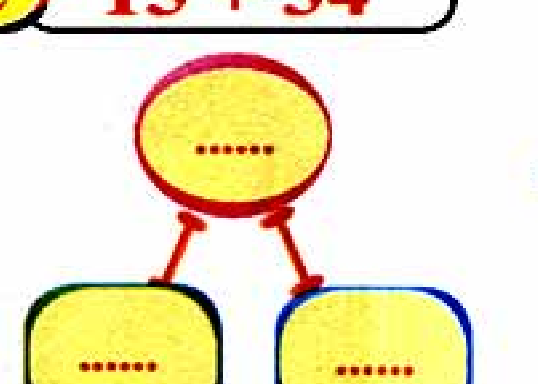
(...... ......) (...... ......) (...... ......)

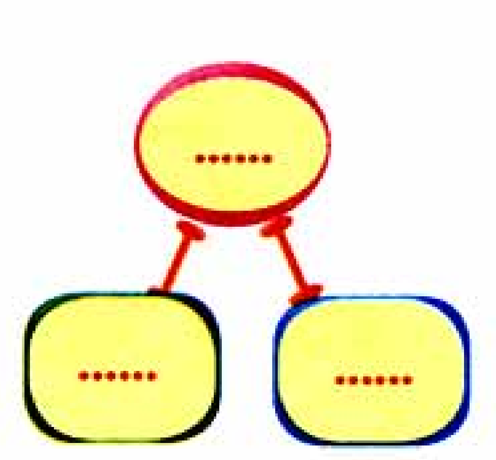
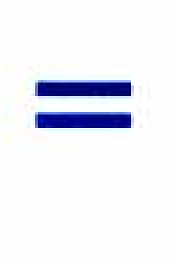
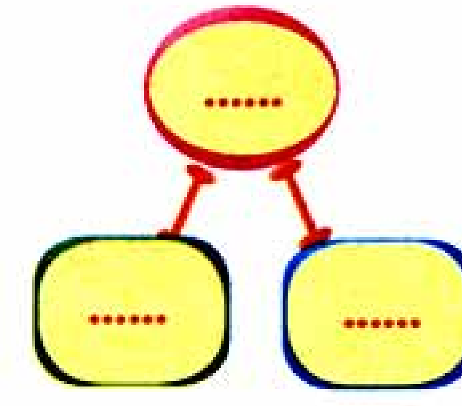
b) 36 + 13

...... + ... = ...

(...... ......) (...... ......) (...... ......)

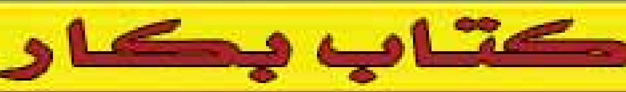
c) 15 + 34



...... + ... = ...

(...... ......) (...... ......) (...... ......)




BAKKAR Operations on 3 digit

5 Find the result :

14 + 35 = ...	82 + 10 = ...	23 + 16 = ...	11 + 38 = ...	40 + 29 = ...	23 + 25 = ...
24 + 23 = ...	55 + 44 = ...	67 + 22 = ...	45 + 12 = ...	71 + 18 = ...	33 + 26 = ...

6 Answer the following :

a) **Seham has 25 flowers her father gave her 13 flowers , How many flowers did Seham have ?**

Solution add : 25 + 13

Number of flowers = ... + ... = ... flowers.

b) **If 37 student are there in the class , and 31 student are there in anther class , How many students are there in two classes?**

Solution add : .... + ...

Number of students = ... + ... = student.

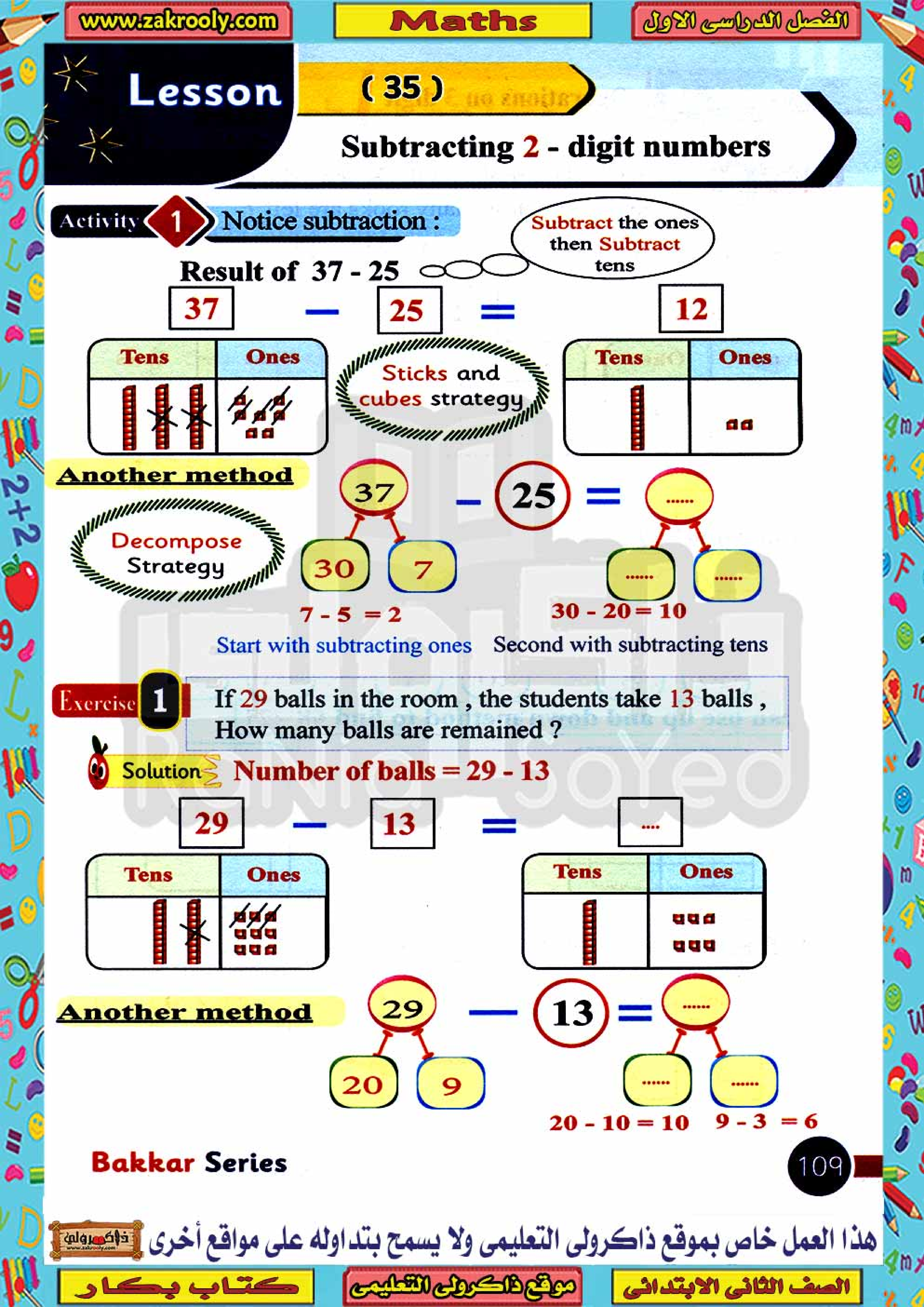
c) **My mother works in a hotel as a service officer who helped 43 guests to eat their breakfast and helped 42 guests at lunch . How many guests did she help?**

Solution add : 43 + 42

Discover Book



Number of guests = ... + ... = ... guests.



Lesson (35)

Subtracting 2 - digit numbers

Activity 1 Notice subtraction :

Subtract the ones then Subtract tens

Result of 37 - 25

37 − 25 = 12

Tens	Ones

Sticks and cubes strategy

Tens	Ones

Another method

Decompose Strategy

37 − 25 = ...

30, 7 → ......, ...

7 - 5 = 2 — Start with subtracting ones

30 - 20 = 10 — Second with subtracting tens

Exercise 1 If 29 balls in the room , the students take 13 balls , How many balls are remained ?

Solution: Number of balls = 29 - 13

29 − 13 = ...

Tens	Ones

Tens	Ones

Another method

29 − 13 = ...

20, 9 → ......, ...

20 - 10 = 10   9 - 3 = 6

Exercise 2 Kenzy had 68 rooks on the beach , she gave 21 rooks to her sister , How many rooks are left ?

Solution Number of books = 68 - 21 = 47

68 − 21 = 47

Tens	Ones
6 tens	8 ones

Tens	Ones
2 tens	1 one

Tens	Ones
4 tens	7 ones

Start with subtracting ones

Another method

68 − 21 = ...

60, 8 — 20, 1 — 40, 7

We can use up and down method to find 68 - 21

	Tens	Ones
	6	8
−	2	1
	......	......

$$\begin{array}{r} 68 \\ -\ 21 \\ \hline \text{..........} \end{array}$$

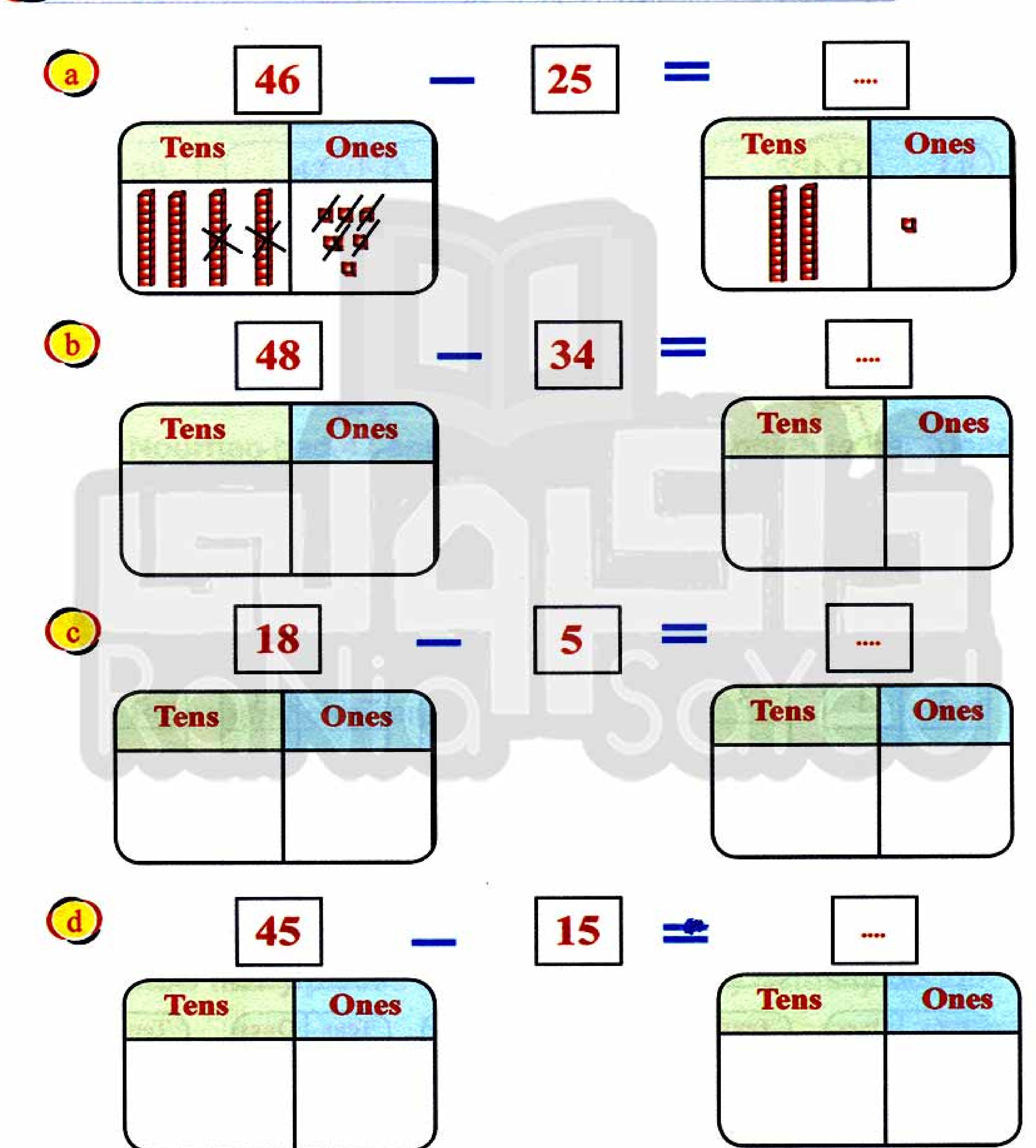
Exercise 3 Find the result of 79 - 34 :

	Tens	Ones
	7	9
−	3	4
	......	......

$$\begin{array}{r} 79 \\ -\ 34 \\ \hline \text{..........} \end{array}$$

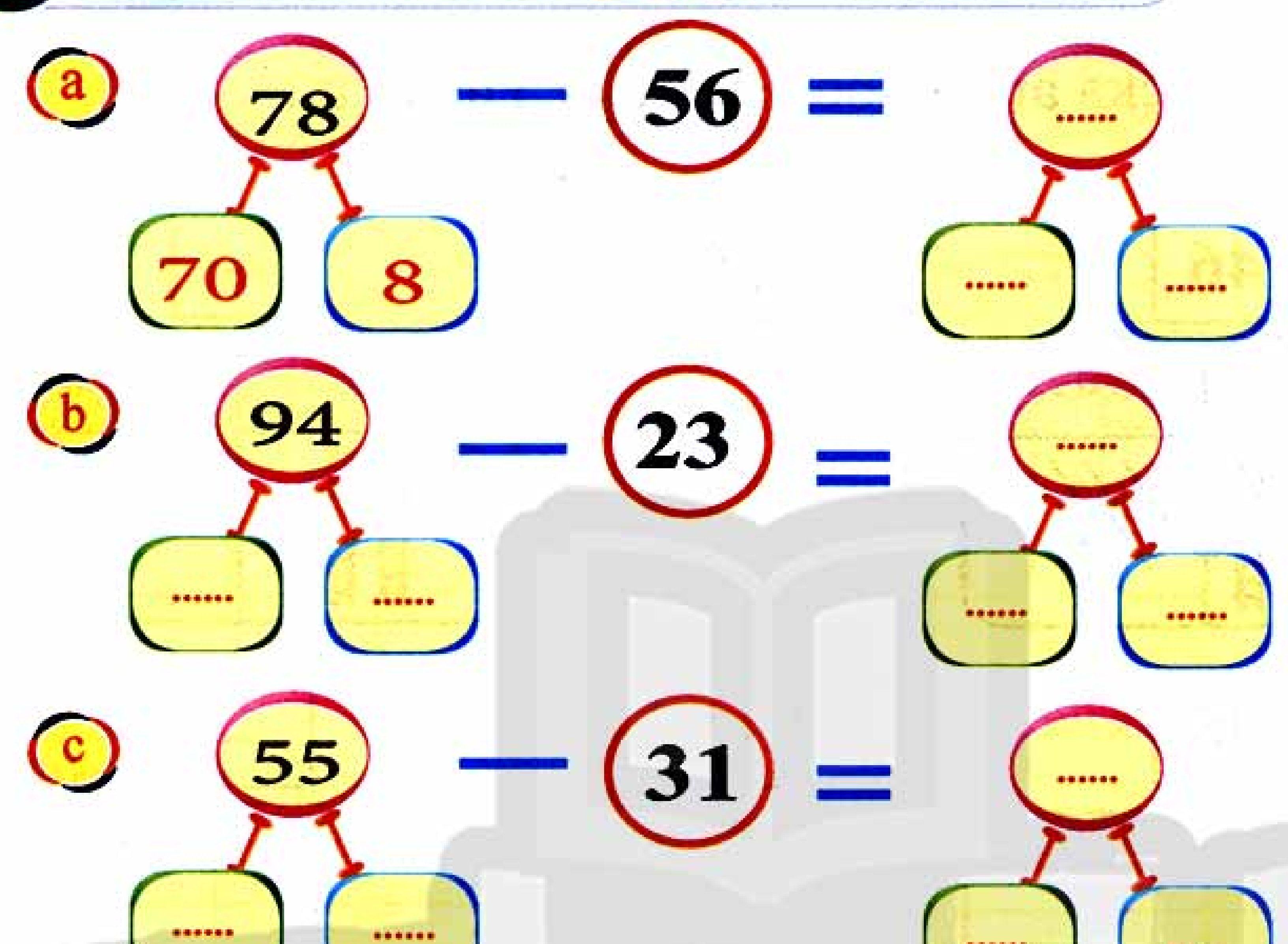
Self - check on lesson (35)

1 Subtract (Sticks and cubes strategy) as in a :



BAKKAR Operations on 3 digit

2 Subtract (Decompose Strategy) :



3 Find the result (ones then tens):

Tens	Ones
6	4
− 3	1
....	....

Tens	Ones
5	0
− 3	0
....	....

Tens	Ones
9	9
− 4	6
....	....

Tens	Ones
3	3
− 2	3
....	....

Tens	Ones
9	4
− 5	2
....	....

Tens	Ones
4	1
− 3	1
....	....

Tens	Ones
6	8
− 2	2
....	....

Tens	Ones
7	9
− 5	7
....	....

Tens	Ones
6	5
− 1	3
....	....

Tens	Ones
6	9
− 4	6
....	....

Tens	Ones
4	5
− 1	5
....	....

Tens	Ones
6	9
− 5	8
....	....

Tens	Ones
4	8
− 2	4
....	....

Tens	Ones
4	3
− 4	1
....	....

Tens	Ones
8	8
− 3	8
....	....





4 Find the result :

56 - 25 = ...	49 - 29 = ...	78 - 38 = ...	27 - 16 = ...	82 - 10 = ...	68 - 35 = ...
39 - 26 = ...	42 - 11 = ...	45 - 12 = ...	67 - 22 = ...	55 - 44 = ...	24 - 13 = ...

5 Answer the following :

a) Nourhan had 47 apples , she gave 37 apples to her friends . How many apples are left ?

Solution Subtract 47 - 37

Number of apples = ... - .... = ... apple.

b) If 73 chicken are there in the farm , 52 chicken runaway . How many chicken are left ?

Solution Subtract 73 - 52

Number of chickens = ... - .... = ... chicken.

c) My aunt works in a clothing store that sold 85 pieces of clothing and at the end of the day 13 items were returned . How many pieces of clothing have they actually bought ?

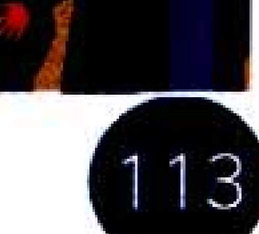


Solution Subtract 85 - 13

Number of pieces

= .... - .... = ... piece.

Discover Book





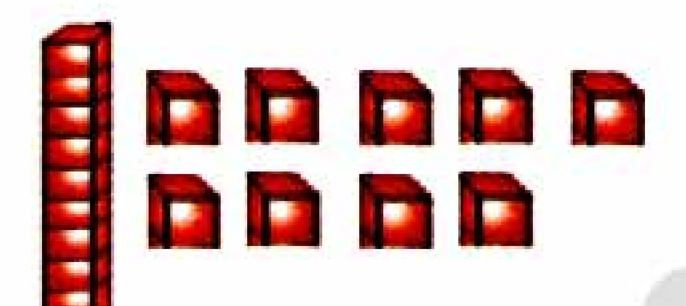
Lesson (36)

Estimate to add or subtract



Activity 1 Estimate using place value strategy :

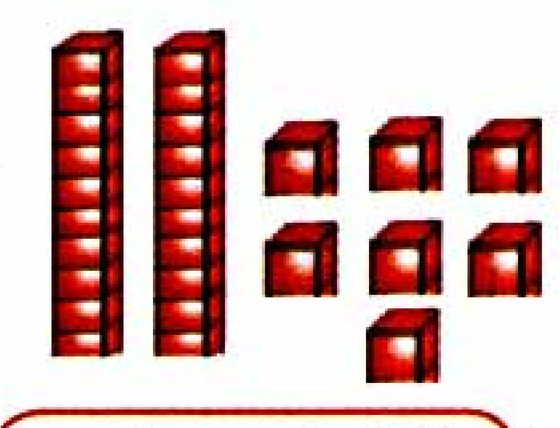
Circle the highest place value digits (left digits)



Estimate to 10



Estimate to 20



Estimate to 20



Exercise 1

Number	Estimation
35 →	30
47 →	40
72 →	70

Estimation

Keep the tens digit as it is and replace the ones digit with 0

Number	Estimation
19 →	10
85 →	80
91 →	90

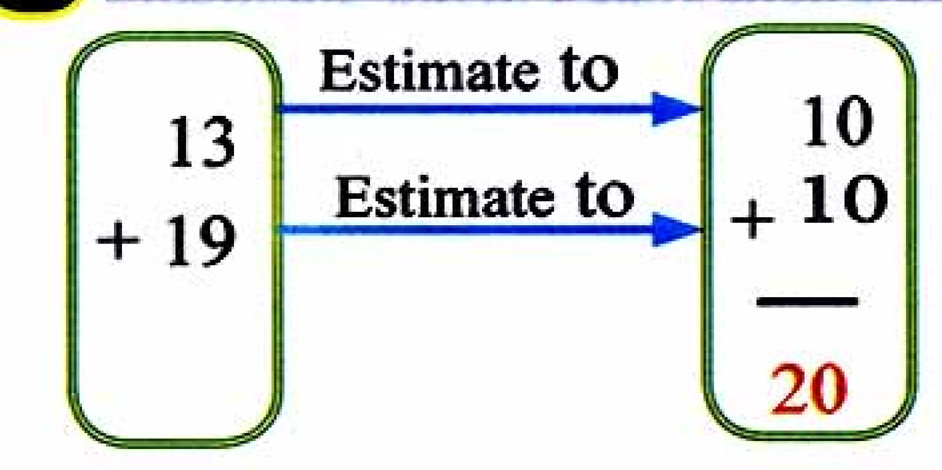
Activity 2 Use place value strategy (left digits) to estimate :

To use place value strategy to estimate a number (left digit):

Circle the highest place value digits (left digits) remove the other digits and replace it with 0

Then do the operation (addition - subtraction)

Exercise 2 Use place value strategy (left digits) to estimate :



The sum of 13 + 19
Estimate to 20

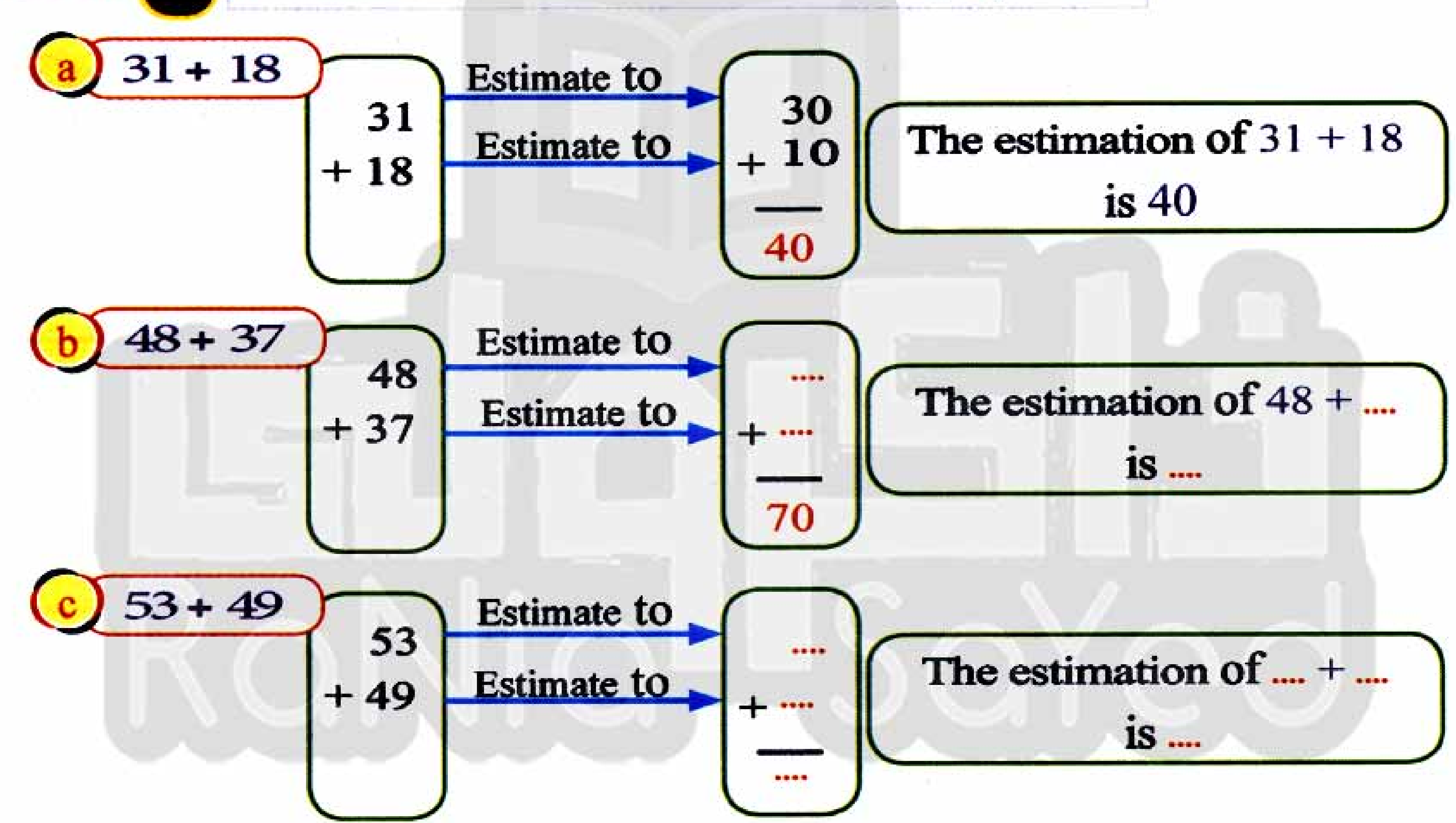


Exercise 3 Estimate the numbers to find 27 + 32 :

27 + 32

27 + 32	Estimate to Estimate to	20 + 30 50	The estimation of 27 + 32 is 50

Exercise 4 Estimate the numbers to find as (a) :



a) 31 + 18

31 + 18	Estimate to Estimate to	30 + 10 40	The estimation of 31 + 18 is 40

b) 48 + 37

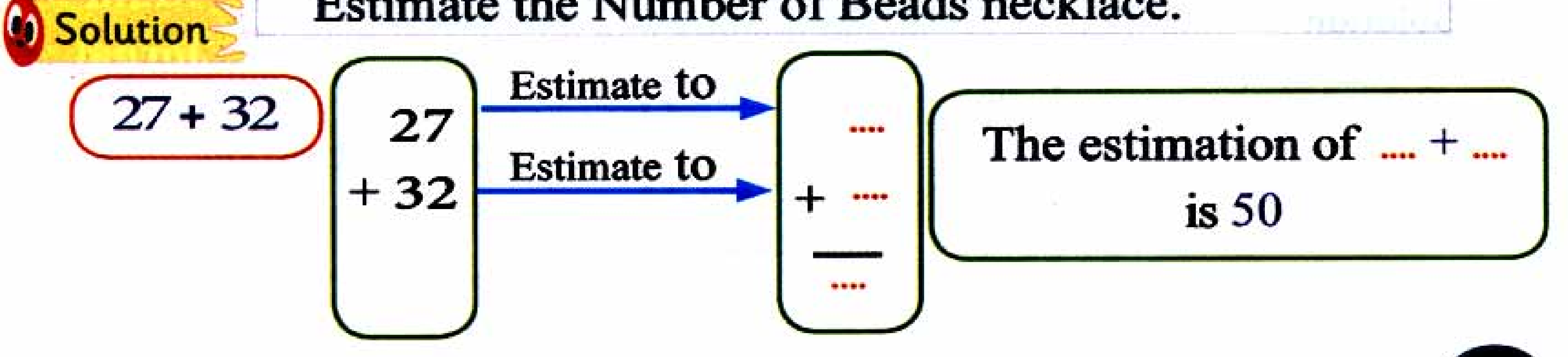
48 + 37	Estimate to Estimate to	.... + ... 70	The estimation of 48 + ... is ....

c) 53 + 49

53 + 49	Estimate to Estimate to	.... + ...	The estimation of .... + ... is ....

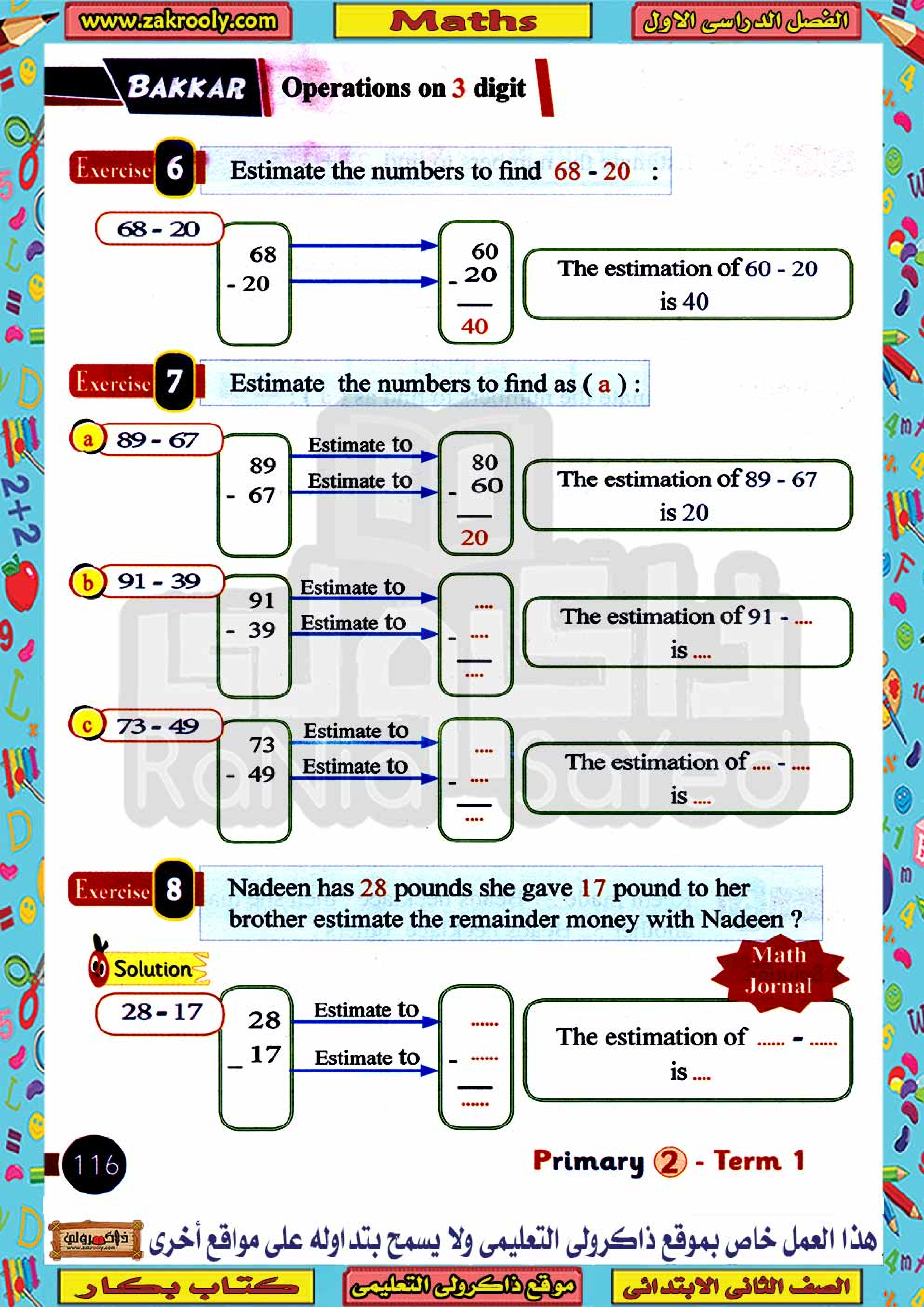
Exercise 5 Reem made 27 Beads necklace , then she made another 32 Beads necklace others . Estimate the Number of Beads necklace.

Solution



27 + 32

27 + 32	Estimate to Estimate to	.... + ...	The estimation of .... + ... is 50



BAKKAR **Operations on 3 digit**

Exercise 6 Estimate the numbers to find 68 - 20 :

68 - 20

68
- 20

→ 60
- 20
40

The estimation of 60 - 20 is 40

Exercise 7 Estimate the numbers to find as (a) :

a) 89 - 67

89
- 67

Estimate to → 80
Estimate to → - 60
20

The estimation of 89 - 67 is 20

b) 91 - 39

91
- 39

Estimate to → ....
Estimate to → - ....
....

The estimation of 91 - .... is ....

c) 73 - 49

73
- 49

Estimate to → ....
Estimate to → - ....
....

The estimation of .... - .... is ....

Exercise 8 Nadeen has 28 pounds she gave 17 pound to her brother estimate the remainder money with Nadeen ?

Solution

Math Jornal

28 - 17

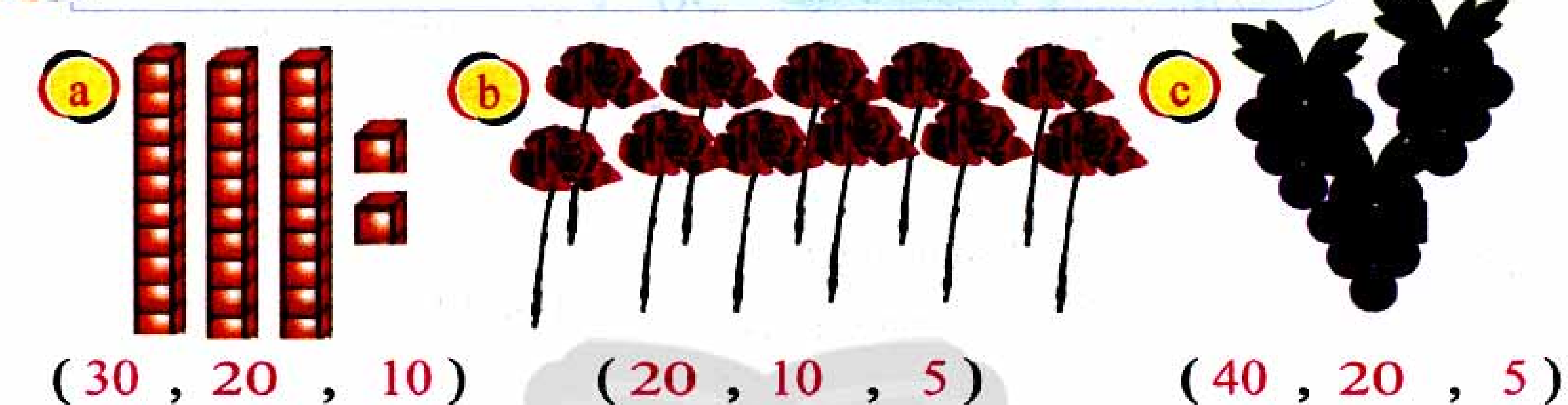
28
_ 17

Estimate to → ......
Estimate to → - ......
......

The estimation of ...... - ...... is ....

Self - check on lesson (36)

1 Choose the estimated value of the following :



a (30 , 20 , 10)　　b (20 , 10 , 5)　　c (40 , 20 , 5)

2 Choose the estimated value of the following :

a 17 Estimate to : .... (0 , 10 , 20)

b 23 Estimate to : .... (20 , 30 , 40)

c 77 Estimate to : .... (60 , 70 , 80)

d 12 Estimate to : .... (10 , 20 , 2)

3 Estimate as a :

a 29+51

29 Estimate to → 20
+51 Estimate to → +50
70

The estimation of 29+51 is 70

b 38+53

38 Estimate to → ....
+53 Estimate to → +....
80

The estimation of 38+.... is ....

c 19+37

19 Estimate to → ....
+37 Estimate to → +....
....

The estimation of .... +.... is ....

BAKKAR **Operations on 3 digit**

4 Estimate the following as (a) :

a 31 – 18

31	Estimate to →	30
–18	Estimate to →	–10
		20

The estimation of 31 – 18 is 20

b 59 – 42

59	Estimate to →	....
–42	Estimate to →	–....
		10

The estimation of 59 –.... is ....

c 76 – 17

76	Estimate to →	....
–17	Estimate to →	–....
		....

The estimation of .... –.... is ....

5 Choose the estimated value :

a) 16 + 20 Estimate to : .... (0 , 20 , 30)

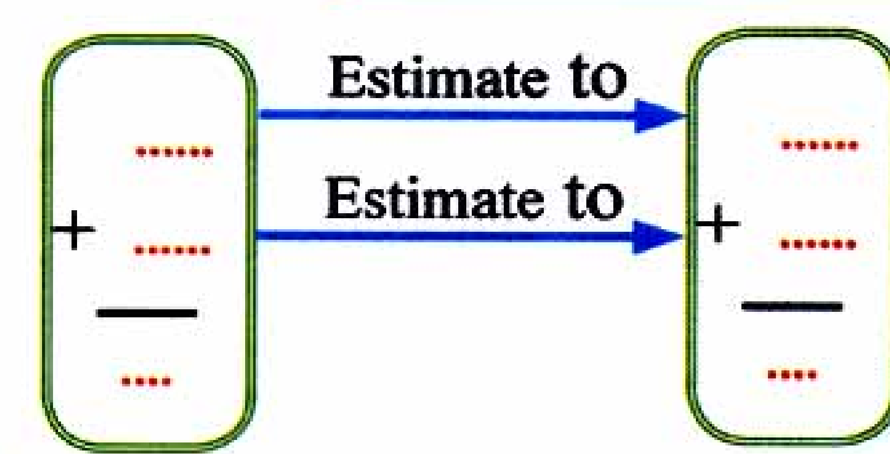
b) 68 - 20 Estimate to: .... (10 , 40 , 80)

c) 52 + 34 Estimate to : .... (40 , 70 , 80)

d) 28 - 17 Estimate to: .... (0 , 10 , 40)

6 Walaa bought 24 pieces of gatoh then bought another 36 pieces . Estimate the number of all pieces ?





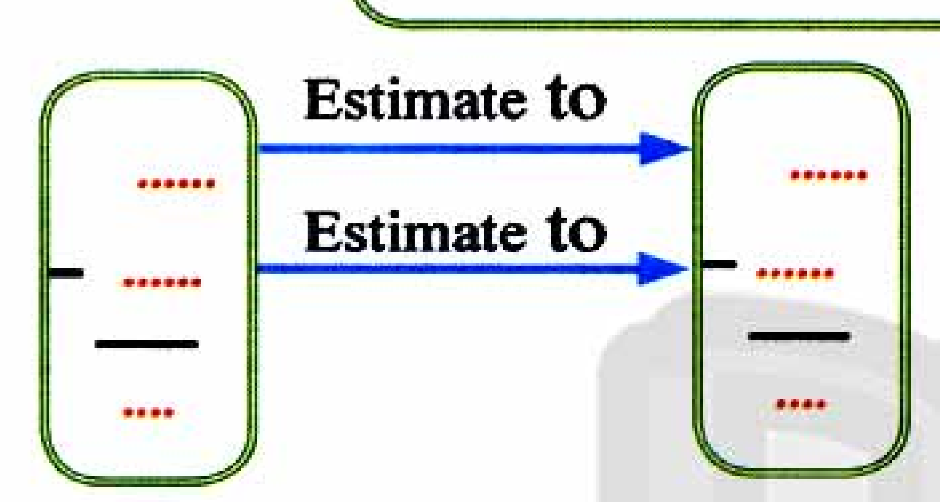
The estimation : ...... + ...
Estimated to ...... pieces



7 A class has 79 pupils , 42 are boys .
Estimate the number of girls.



The estimation : ...... – ......



The estimation : ...... – ......
Estimated to .... girl

Math Journal

8 Complete the table as the first row :

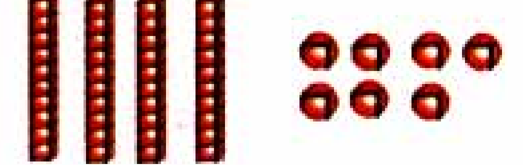
43 + 42	40 + 40	Estimate to : 80
23 + 58	...... + ...	Estimate to : ....
51 - 24	...... -	Estimate to : ....
67 + 40	...... + ...	Estimate to : ....
Sama has L.E 33 and she get LE 29 . Estimate the amount with her ?	...... + ...	Estimate to : ....
Rami rides on the train for a duration 64 minutes. He boarded the train 32 minutes ago . Estimate the number of minutes remaining on a train trip.	...... –	Estimate to : ....

General Self - check

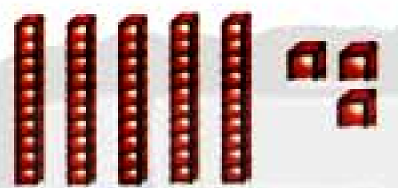
1 Join with the suitable estimation :

The estimation 30

The estimation 10



The estimation 50



The estimation 40

2 Answer the following :

Tens	Ones
2	3
+ 5	6
....	....

Tens	Ones
2	8
+ 5	1
....	....

Tens	Ones
1	6
+ 4	1
....	....

Tens	Ones
2	4
+ 3	5
....	....

Tens	Ones
2	2
+ 4	1
....	....

Tens	Ones
7	5
− 2	3
....	....

Tens	Ones
2	9
− 2	3
....	....

Tens	Ones
3	7
− 2	7
....	....

Tens	Ones
5	8
− 1	4
....	....

Tens	Ones
6	4
− 3	1
....	....

3 Using the chart to find :

25 + 5 = ...
12 + 10 = ...

21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

25 - 5 = ...
12 - 10 = ...

21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

4 Find the result of the following :

$17 + 3 = ...$

$13 + 12 = ...$

$6 + 6 = ...$

$8 + 8 = ...$

$2 + 7 = ...$

$7 + 2 = ...$

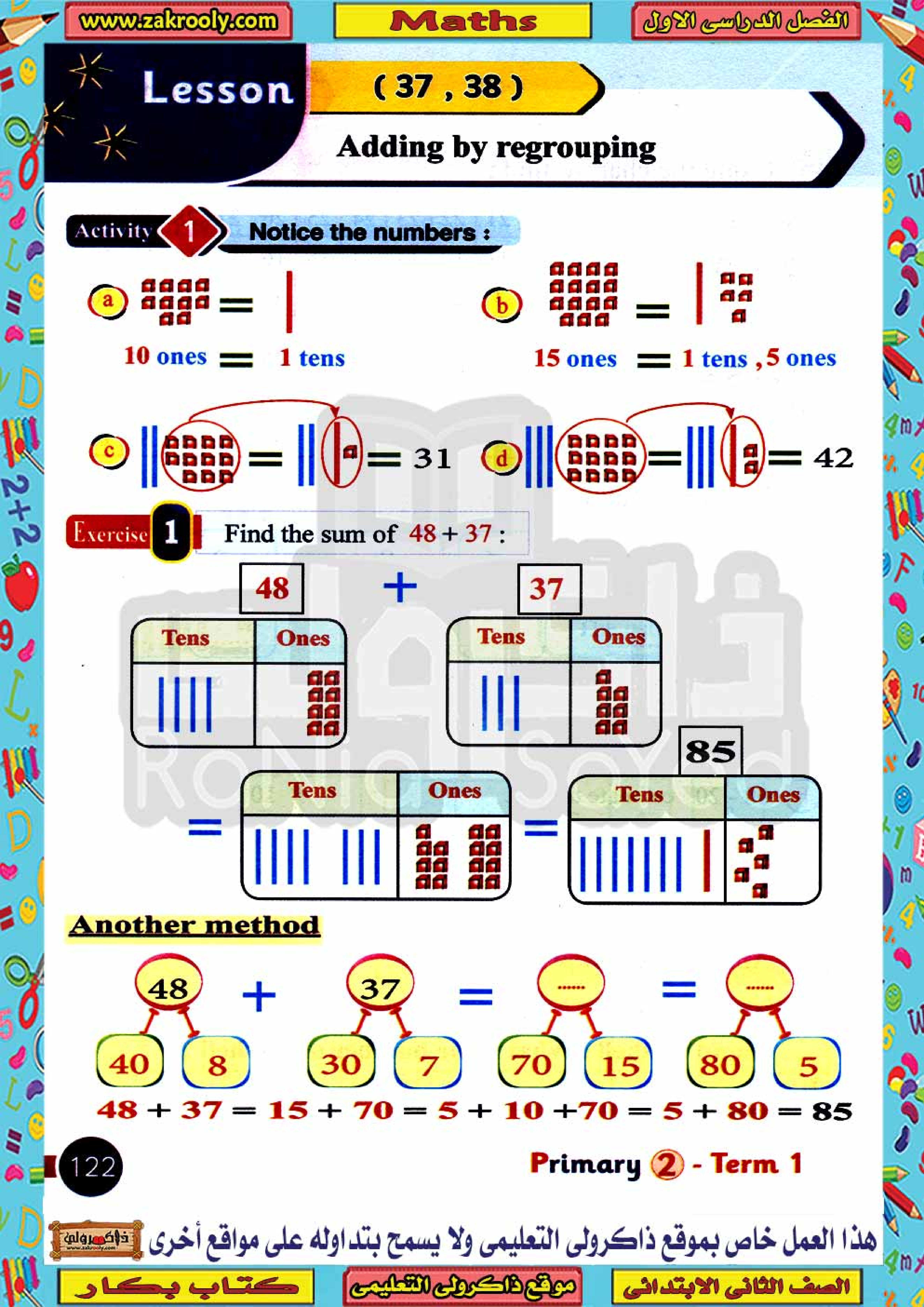
5 Choose the suitable estimation :

a) 49 + 20 estimate to : .... (20 , 40 , 60)
b) 68 - 20 estimate to : .... (10 , 40 , 70)
c) 52 + 34 estimate to : .... (40 , 60 , 80)
d) 28 - 17 estimate to : .... (0 , 10 , 30)

6 Answer the following :

Tahany found 34 shell on the beach and her sister found 53 shell . What is the number of all shell ?

Solution Number of shell = ... + ... = ... shell



Lesson (37 , 38)

Adding by regrouping

Activity 1 Notice the numbers :

a) =
10 ones = 1 tens

b) =
15 ones = 1 tens , 5 ones

c) = 31

d) = 42

Exercise 1 Find the sum of 48 + 37 :

48 + 37

Tens	Ones

Tens	Ones

=

Tens	Ones

= 85

Tens	Ones

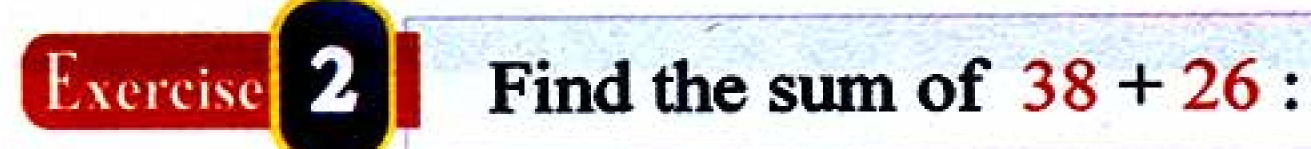
Another method

48 + 37 = ... = ...

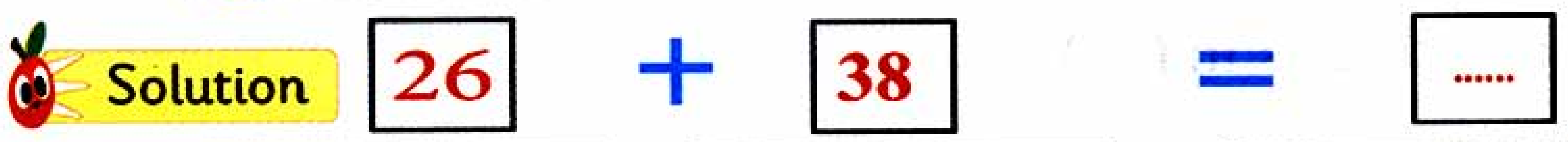
40 8 | 30 7 | 70 15 | 80 5

48 + 37 = 15 + 70 = 5 + 10 +70 = 5 + 80 = 85





Exercise 2 Find the sum of 38 + 26 :



Solution 26 + 38 = ...

Tens	Ones
||	▪▪▪▪▪▪

Tens	Ones
|||	▪▪▪▪▪▪▪▪

Tens	Ones
||||| |	▪▪▪▪

Another method

26 + 38 = ... = ...

20, 6 + 30, 8 = 50, 14 = ..., 4

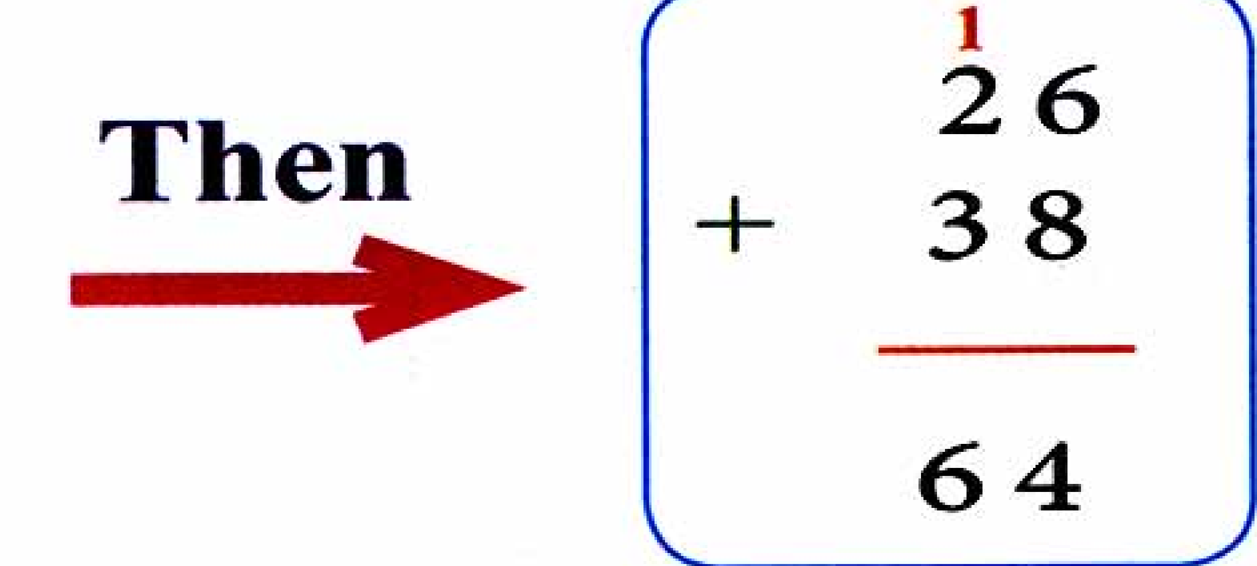
26 + 38 = ... + 50 = ... + 10 + 50 = ... + ... = ...

We can do as following 26 + 38

	Tens	Ones
	2	6
+	3	8
	....	....

→

	Tens	Ones
	①	
	2	6
+	3	8
	....	14



Then →

$$\begin{array}{r} {}^{1}\,\\ 2\,6 \\ +\ 3\,8 \\ \hline 6\,4 \end{array}$$

Self - check on lesson (37 , 38)



1 Complete as in (a) :

a) 35 + 6



35 + 6 = 41

Tens	Ones

Tens	Ones

Tens	Ones

b) 29 + 43

..... + ... = ...

Tens	Ones

Tens	Ones

Tens	Ones

c) 67 + 24

..... + ... = ...

Tens	Ones

Tens	Ones

Tens	Ones

d) 78 + 17

..... + ... = ...

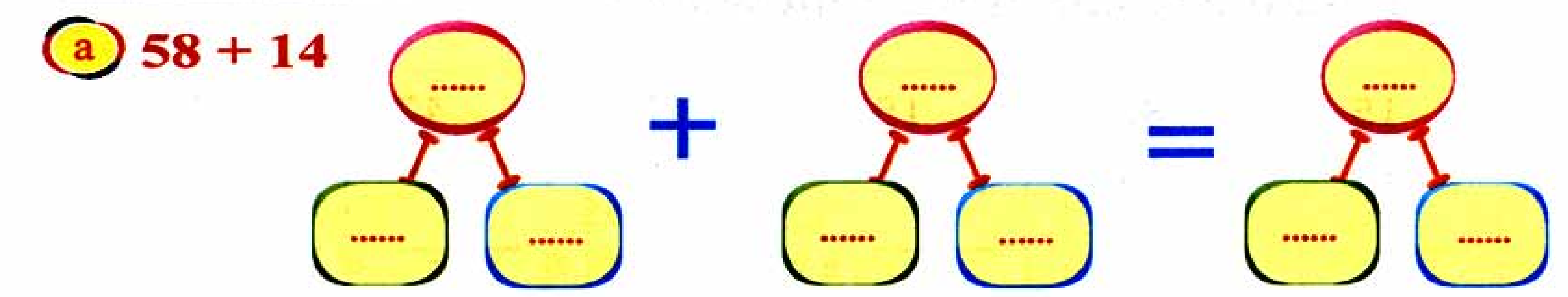
Tens	Ones

Tens	Ones

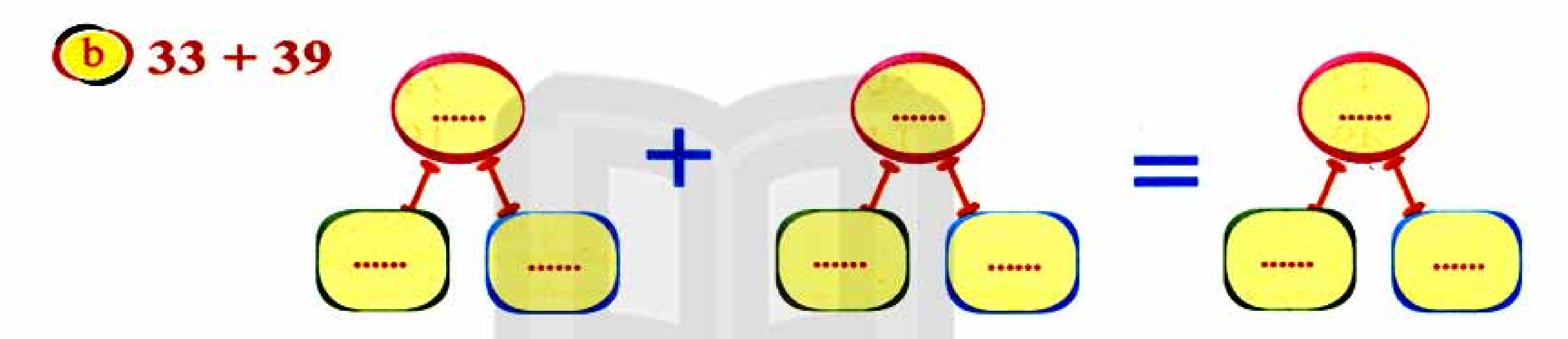
Tens	Ones

2 Complete :

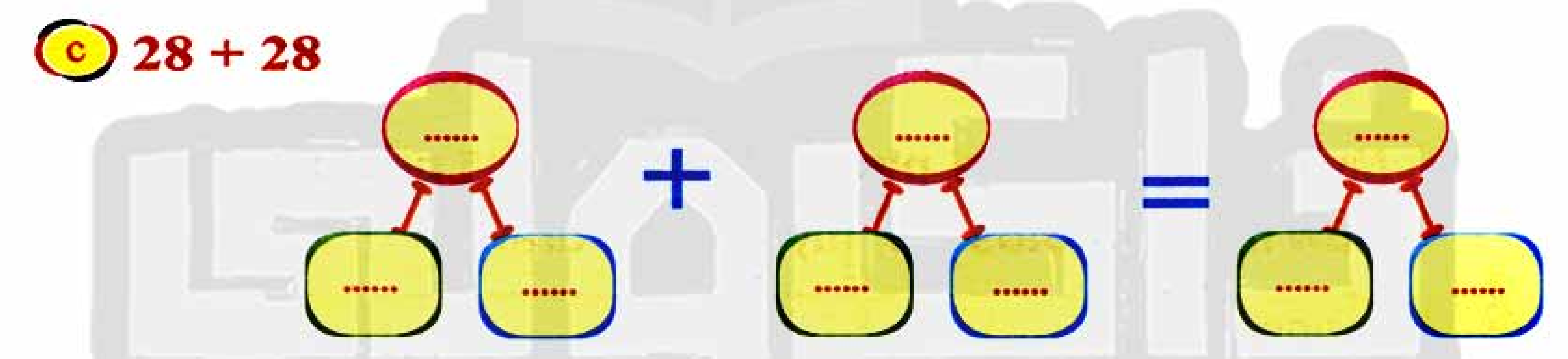
a 58 + 14



b 33 + 39



c 28 + 28



3 Answer the following :

Tens	Ones
3	8
+ 4	9
....	....

Tens	Ones
2	6
+ 5	7
....	....

Tens	Ones
2	8
+ 3	5
....	....

Tens	Ones
5	4
+ 2	2
....	....

Tens	Ones
6	8
+ 1	3
....	....

Tens	Ones
1	9
+ 3	7
....	....

Tens	Ones
2	5
+ 2	5
....	....

Tens	Ones
4	5
+ 4	6
....	....

Tens	Ones
5	7
+ 1	4
....	....

Tens	Ones
4	9
+ 2	3
....	....

BAKKAR Operations on 3 digit

4 Find the result of the following :

15 + 19 = ...	82 + 14 = ...	15 + 16 = ...	12 + 38 = ...	47 + 29 = ...	18 + 25 = ...
42 + 49 = ...	46 + 19 = ...	56 + 14 = ...	33 + 39 = ...	71 + 19 = ...	33 + 27 = ...

5 Answer of the following :

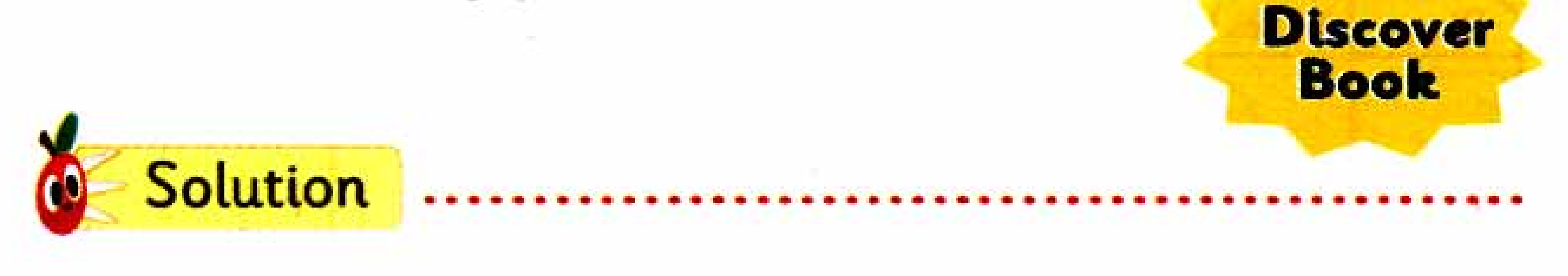
a) My brother draw 46 photos then draw 45 photos .
How many photos did my brother draw ?

Solution ....

b) Hager has 21 books , her sister has 49 books .
How many books do they have ?

Solution ....

c) From the farm we collected 33 and 27 from different plants .
How many plants do we collect ?



Solution ....





Lesson (39 , 40)

Adding more than two numbers



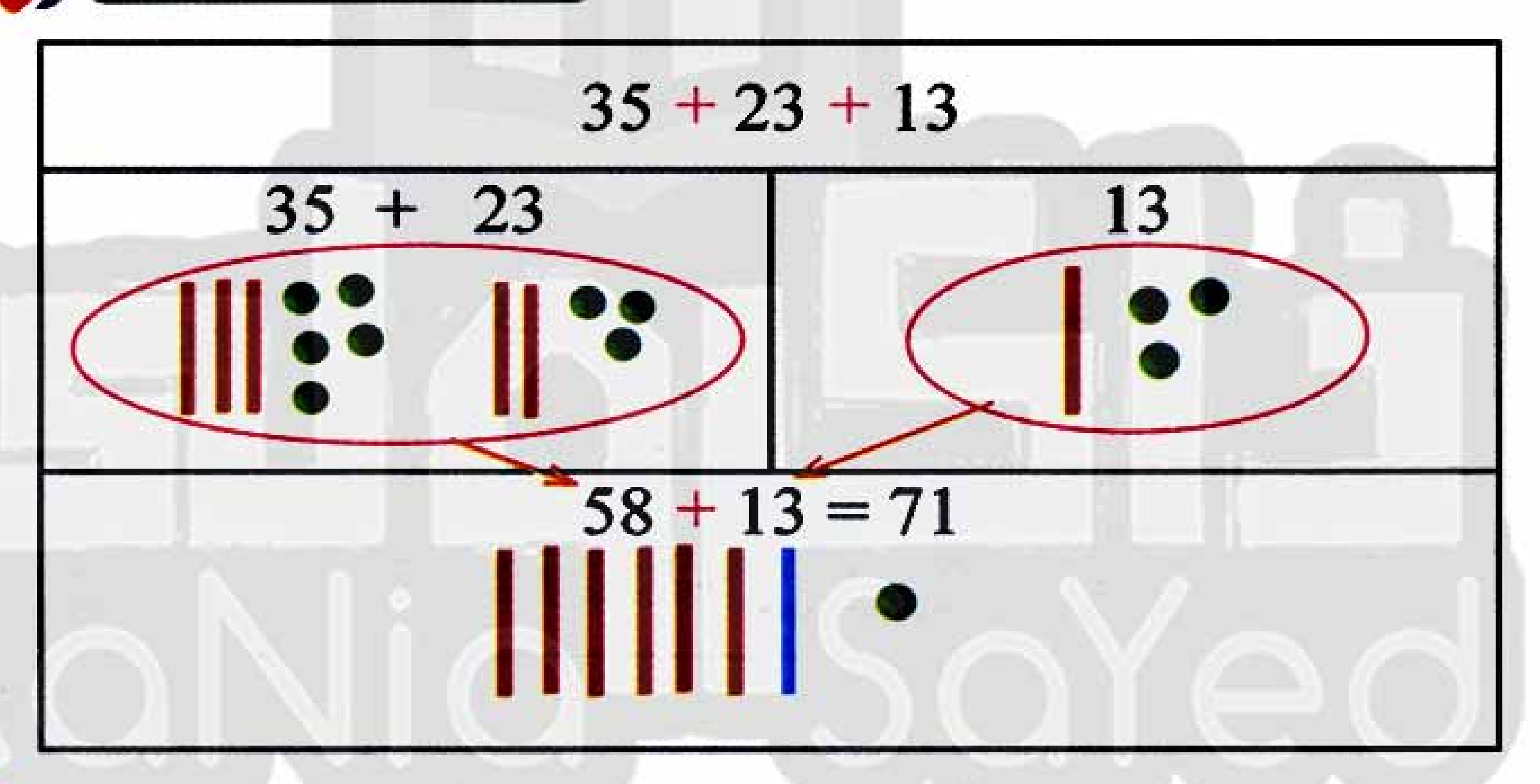
Activity 1 Add 26 + 38 :

26 + 38 = ...

= 64

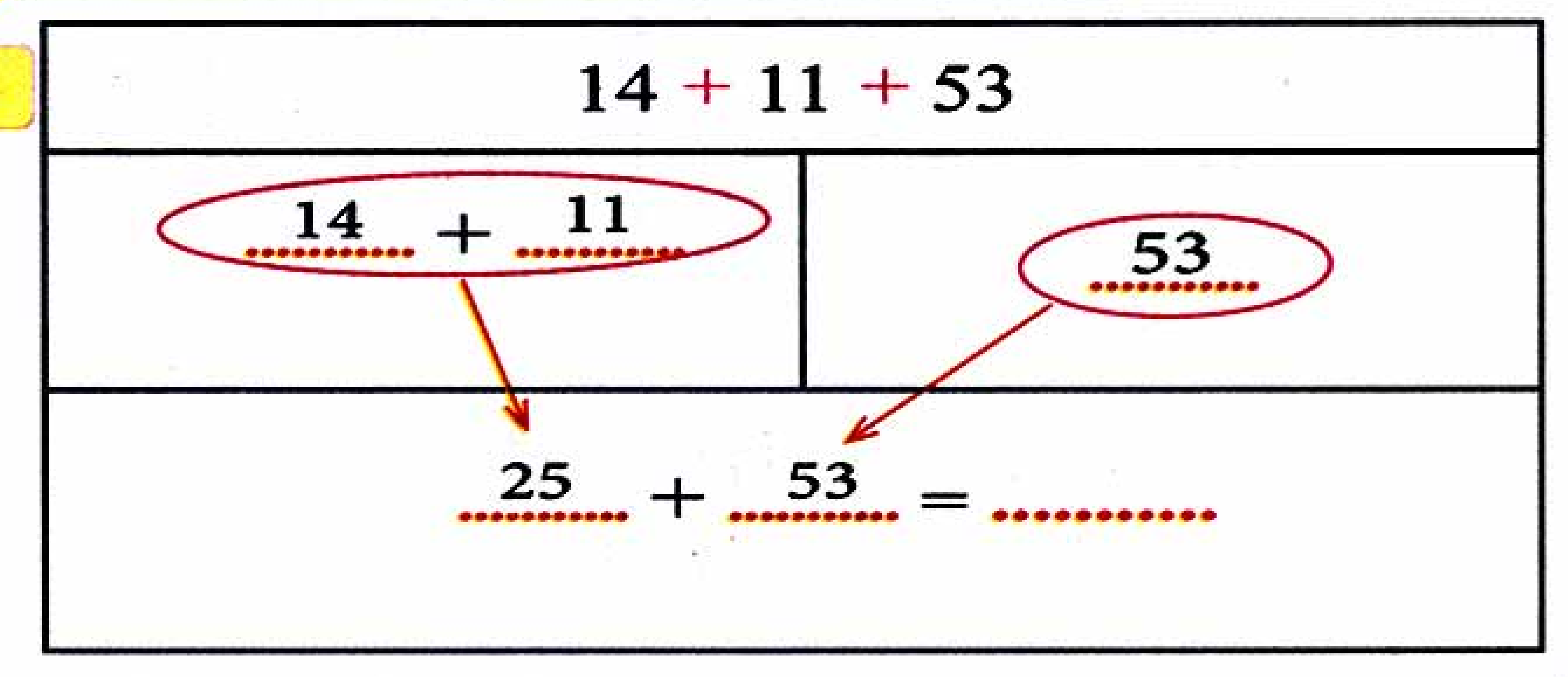
So 26 + 38 = 14 + 50 = 4 + 10 + 50 = 64

Activity 2 Add 23 + 35 + 13 :



Exercise 1 Find the result of 14 + 11 + 53 :

Solution





BAKKAR **Operations on 3 digit**

Exercise 2 A tree has 3 nest each one has 7 birds . How many birds on the tree ?

Discover Book



Solution Number of birds = 7 + 7 + 7

= 14 + 7 = 21 birds

Exercise 3 Add as in (a) :

(a) 28 + 41 + 10

Solution 28 + 41 + 10 = 28 + 41 + 10

= 69 + 10 = 79

(b) 31 + 42 + 16 = ... + 16 = ...

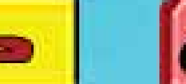
(c) 35 + 24 + 32 = ... + 32 = ...

(d) 14 + 30 + 21 = ... + 21 = ...

Activity 3 Find 35 + 17 + 25 + 14 :

Math Jornal

35 + 17 + 25 + 14	
35 + 17	25 + 14
52 + 39 = 91	



Exercise 4 Find the sum :

Math Jornal

13 + 17 + 22 + 29	
13 + 17	22 + 29
30 + 51 = ...	

Exercise 5 Find as in (a) :

Math Jornal

(a) 23 + 17 + 12 + 36

Solution 23 + 17 + 12 + 36 = 23 + 17 + 12 + 36

= 40 + 48 = 88

(b) 22 + 19 + 18 + 14 = ... + ... = ...

(c) 39 + 23 + 18 + 10 = ... + ... = ...

(d) 17 + 20 + 37 + 20 = ... + ... = ...

Exercise 6

My grandmother go to the market she bought a vegetable for L.E 35 , bread for L.E 11 , a hen for L.E 27 and L.E 10 for taxi .
Find the total amount my grandmother pay .

Discover Book

Solution She paid = 35 + 11 + ...+ .....

= .... + ... = L.E ....

Self - check on lesson (39 , 40)

1 Count and write the numbers as in (a) :

(a) = 15 + 34

(b) = ... + ...

(c) = ... + ...

(d) = ... + ...

2 Add the following :

56 + 27 = ...	19 + 58 = ...	35 + 35 = ...	63 + 19 = ...	47 + 47 = ...	15 + 28 = ...
48 + 49 = ...	27 + 39 = ...	49 + 36 = ...	58 + 28 = ...	51 + 29 = ...	73 + 19 = ...

3 Find the sum in digit :

(a) + = ... + ... = ...

(b) + = ... + ... = ...



4 Find as in (a) :

a) 19 + 29 + 11 = 19 + 29 + 11
= 48 + 11 = 59

b) 32 + 24 + 18 = ... + ... = ...

c) 35 + 43 + 16 = ... + ... = ...

d) 13 + 57 + 20 = ... + ... = ...

e) 46 + 24 + 13 = ... + ... = ...

5 Find as in (a) :

a) 28 + 24 + 14 + 22 = 28 + 24 + 14 + 22
= 52 + 36 = 88

b) 16 + 18 + 7 + 15 = ... + ... = ...

c) 32 + 28 + 25 + 10 = ... + ... = ...

d) 13 + 38 + 31 + 15 = ... + ... = ...

e) 35 + 21 + 11 + 20 = ... + ... = ...

6 My mother go to her work 4 days weekly , each day cost L.E 14 for transportation.
Find the cost of transportation in the week .

Discover Book

Solution The cost = 14 + 14 + ... + ...
= .... + ... = L.E ....

Self - check 1 Chapter 4

1 Answer the following :

Tens	Ones
3	7
+ 3	4
....	....

Tens	Ones
3	6
+ 4	6
....	....

Tens	Ones
3	8
− 1	1
....	....

Tens	Ones
6	7
− 5	6
....	....

Tens	Ones
5	9
− 4	5
....	....

2 Rasheda has 26 dates , she get another 15 dates . How many dates does she have now ?

26 + 15 = ...

Tens	Ones
(2 rods)	(6 cubes)

Tens	Ones

Tens	Ones

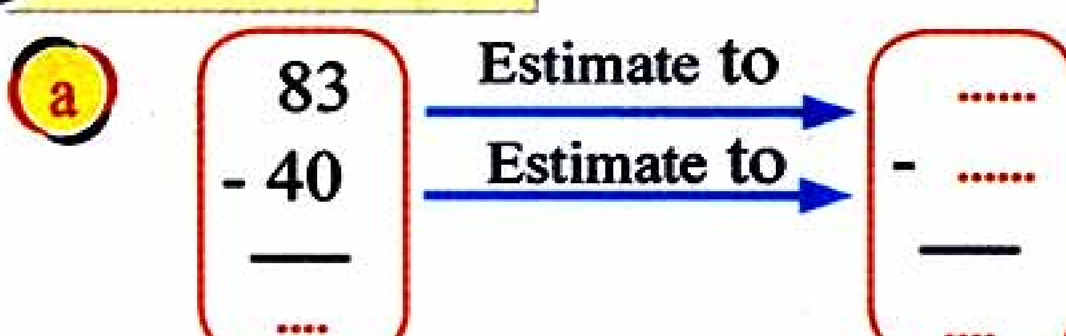
3 Answer the following :

19 + 9 = ...

19 → 10 , 9

...... → ...... , ...

4 Complete :



a) 83 − 40 = ...

Estimate to → ......

Estimate to → − ......

....

Estimation of : ...... − ...... is ....

b) 26 + 18+ 33 + 11 = ... + 44 = ...

Self - check 2 Chapter 4

1 Answer the following :

Tens	Ones
5	1
− 3	0
....	....

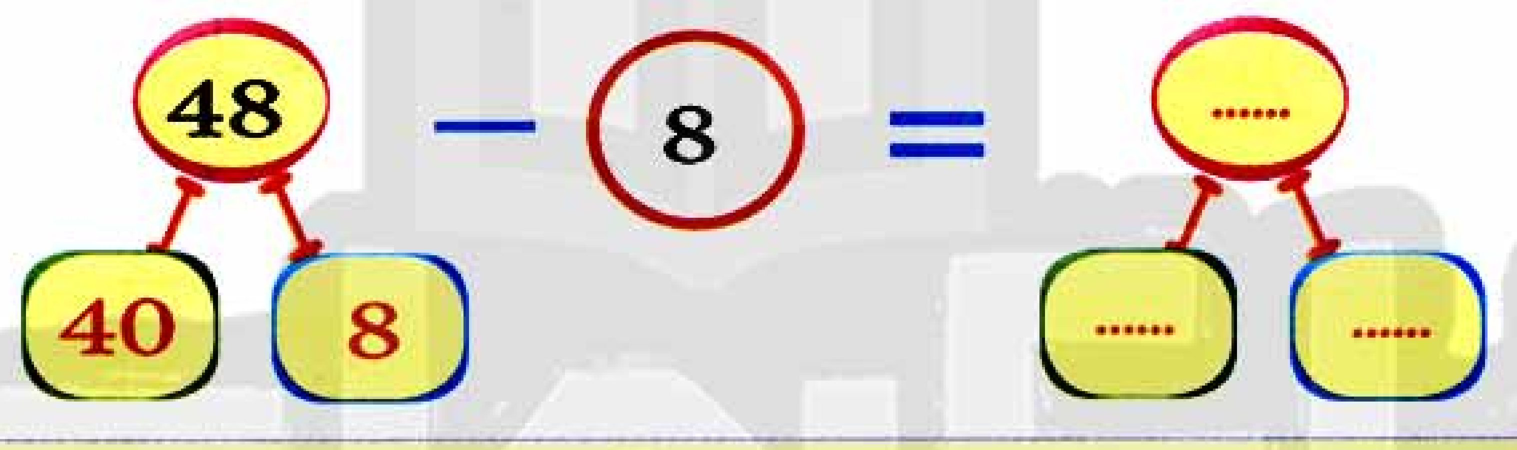
Tens	Ones
6	0
− 4	0
....	....

Tens	Ones
2	6
+ 5	5
....	....

Tens	Ones
4	9
+ 3	3
....	....

Tens	Ones
5	3
+ 1	8
....	....

2 Answer the following :



3 My grandfather go to the library and bought books for L.E 41 , notebooks for L.E 15 , pens for L.E 27 and paid L.E 10 for taxi . How much money did he pay ?

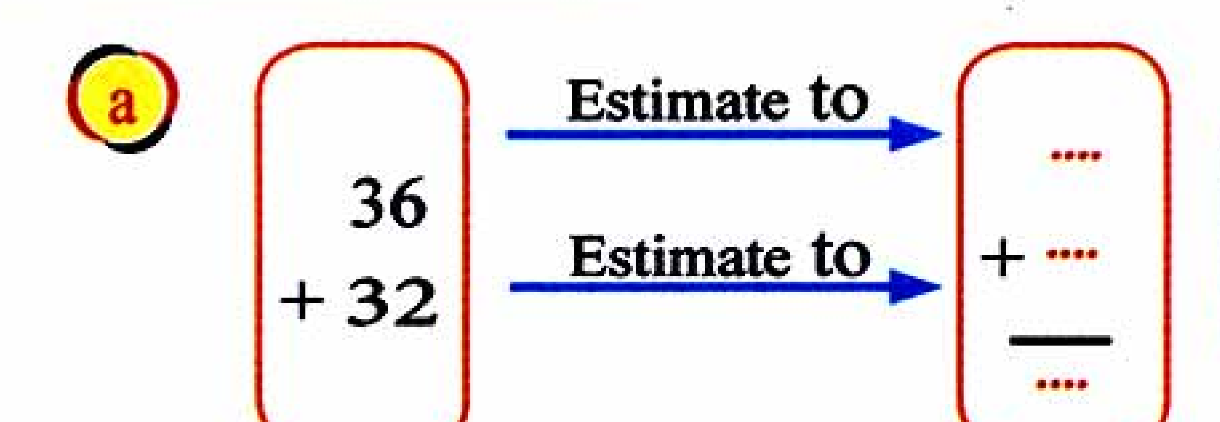
Discover Book

Solution The cost = 41 + 15 + ...+ .....

= .... + ... = L.E ....

4 Complete :

a



Estimation of : ...... - ......
is ....

b 15 + 12 + 43 + 20 = 27 + ... = ...



Self - check 3 Chapter 1,2,3,4

1 Find the result of the following :

28	74	16	48	8	36
+ 14	+ 11	+ 25	+ 18	+ 8	+ 10
.....	.....	.....	.....	.....	.....

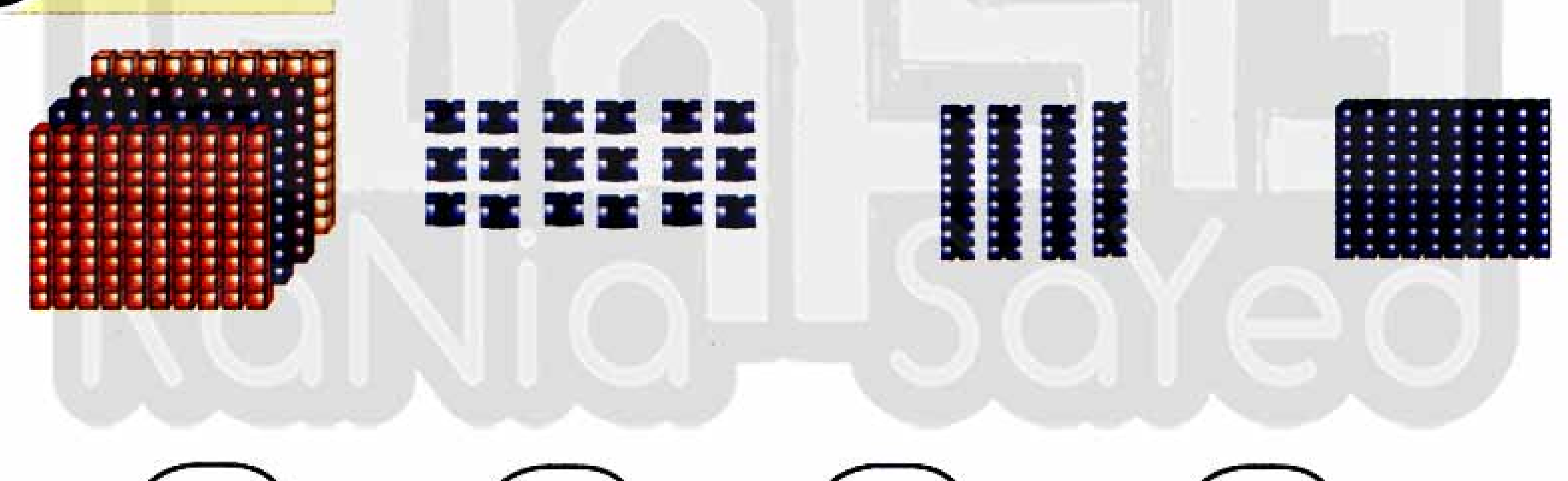
2 Put the suitable sign (<, =, >) :



a) 100 300   b) 89 890

c) 538 438   d) 460 460

3 Join :



40   400   100   18

4 Using the chart find :

a) 30 + 10 = ...

b) 28 - 10 = ...

c) 12 + 5 = ...

31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10





Chapter 4

تابع جديد ذاكرولي على
فيسبوك
تويتر
واتس اب
تليجرام

5 Complete :

a) 5 + 7 = 5 + ... + 2

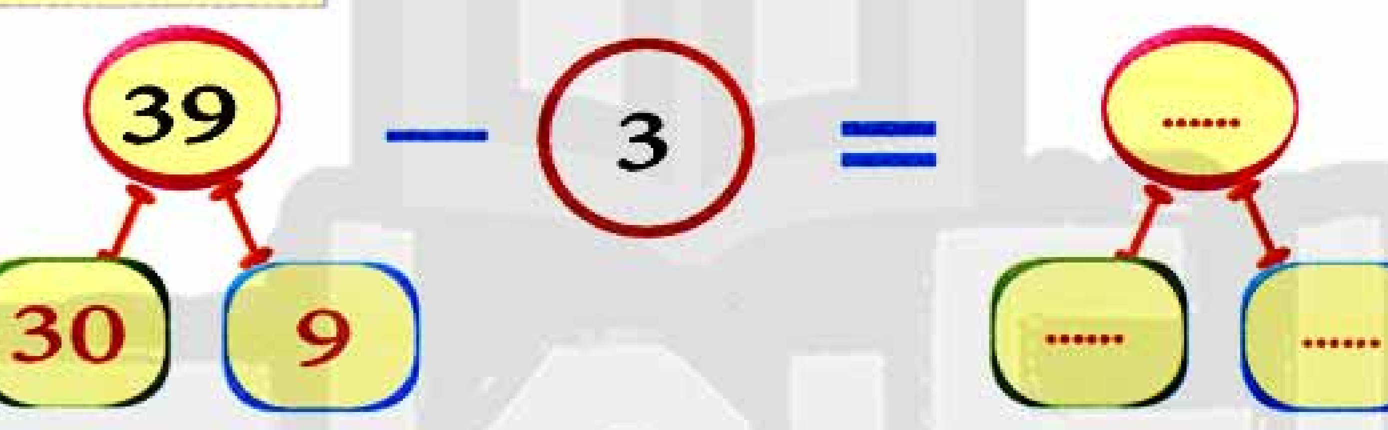
b) The number just after 120 is ....

c) .... , 20 , 30 , 40 , ...

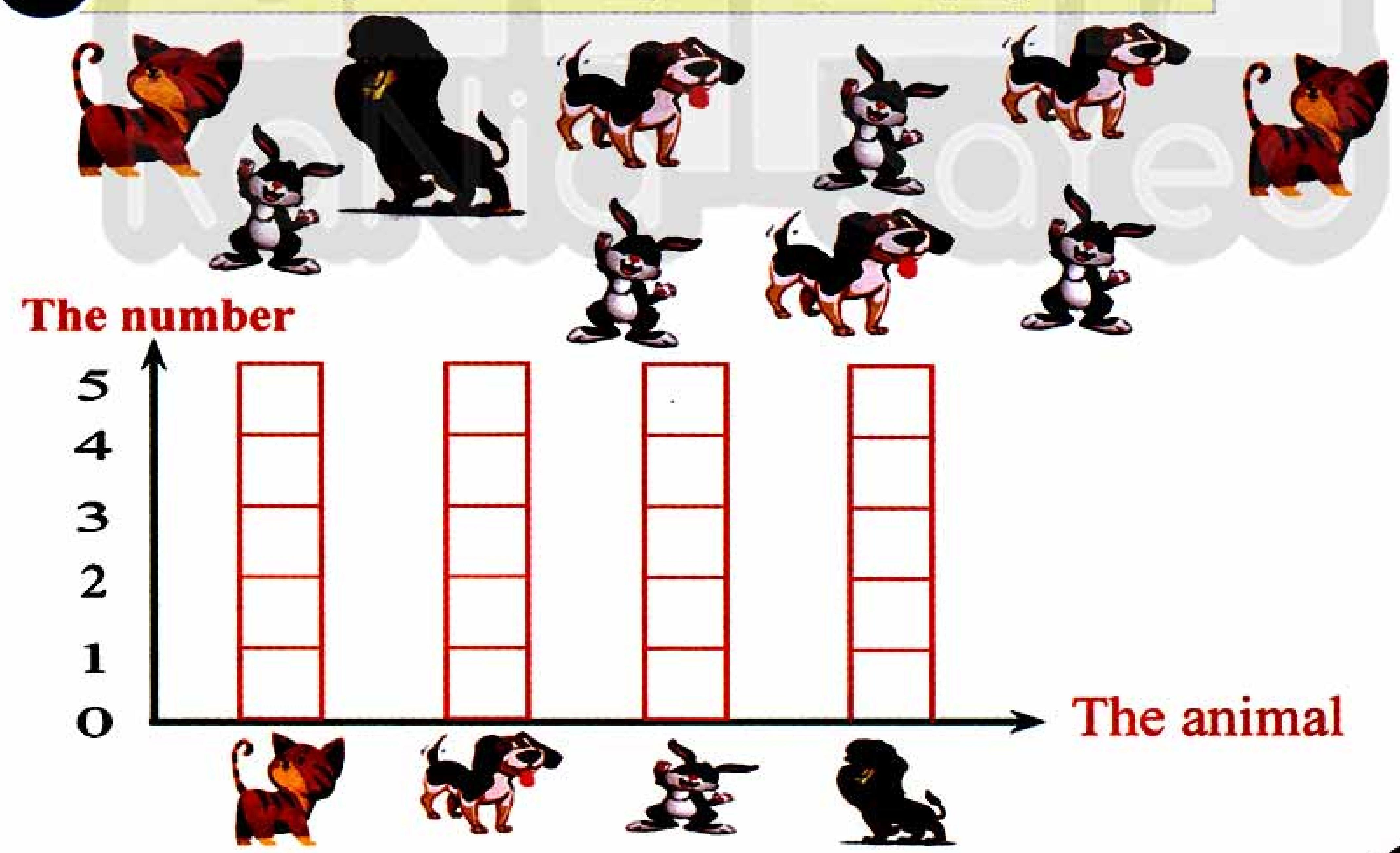
d) Twenty = ... (in digit)

e) 685 = ... + ... + ...

6 Complete :

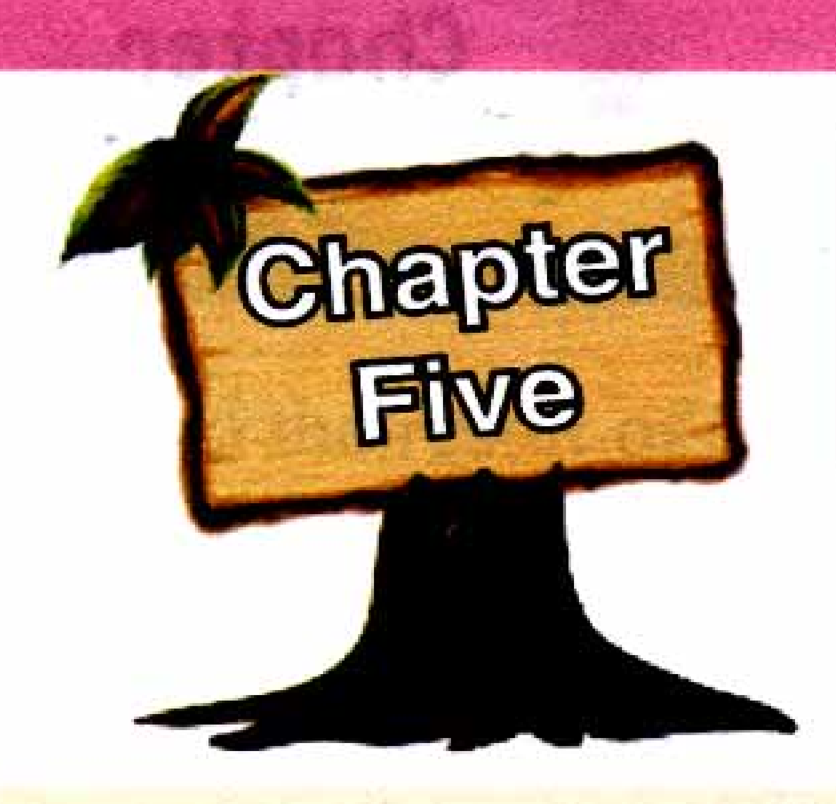


7 From the pictures complete the bar graph :











Geometry

Key Vocabulary

Centimetres	سنتيمترات
Cube	مكعب
Cylinder	أسطوانة
Determine	حدد
Dice	حجر نرد
Edges	حواف
Estimate	تقدير
Estimation	التقدير
Faces	أوجه
Figure	شكل
Hexagon	شكل سداسي
Length	الطول
Measure	قياس
Meter	متر
Parallel	موازي
Pentagon	شكل خماسي
Polygon	مضلع

Property	خواص
Quadrilateral	رباعي
Rectangle	مستطيل
Rhombus	معين
Ruler	مسطرة
Share	يشارك
Side	ضلع / جانب
Sides	أضلاع/جوانب
Square	مربع
Square based Pyramid	هرم ذو قعدة مربعة
Standard unit of Measure	وحدة قياسية
Trapezium	شبه منحرف
Triangle	مثلث
Two Dimensional Shapes	شكل ثنائي الأبعاد
Vertex	رأس
Vertices	رؤوس

Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise insipred by Math Jornal
- Exercise inspired by Discover Book

Lesson (41 , 42)

Polygons (2 D shapes)

Activity 1 **Notice the following polygons :**



(Figure 1) (Figure 2) (Figure 3) (Figure 4)



* From the figure :

- (Figure 1) triangle : 3 sides , 3 vertices .
- (Figure 2) quadrilateral : 4 sides , 4 vertices.
- (Figure 3) quadrilateral : 4 sides , 4 vertices .
- (Figure 4) circle has : no sides , no vertices .

Exercise 1 From the following polygons complete :



(Figure 1) (Figure 2)

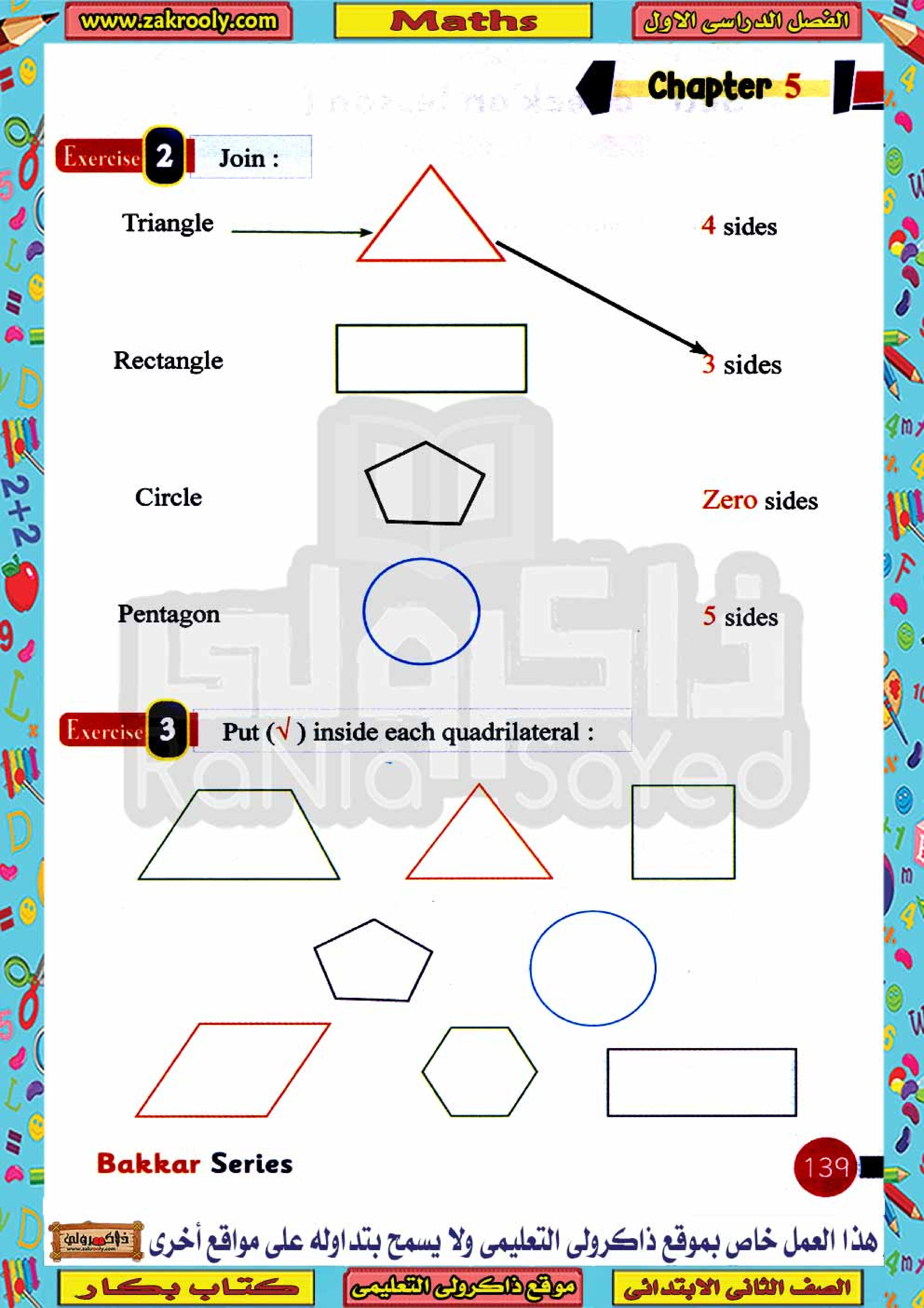
* (Figure 1) Number of sides = ... , number of vertices ....
* (Figure 2) Number of sides = ... , number of vertices ....

Activity 2 Study the properties of 2 dimensions :

Figure	Name	The property		
		Number of sides	Number of (Vertices)	Number of (Angles , corners)
	Triangle	3	3	3
	Pentagon	5	5	5
	Hexagon	6	6	6

Activity 3 Quadrilateral (2 dimension) :

Figure	Name	The property			
		Sides	Number of sides	Number of (vertices)	Number of (Angles , corners)
	Square	Equal in length	4	4	4
	Rectangle	2 short and 2 long	4	4	4
	Trapezium	2 parallel & 2 not parallel	4	4	4
	Rhombus	Equal in length	4	4	4

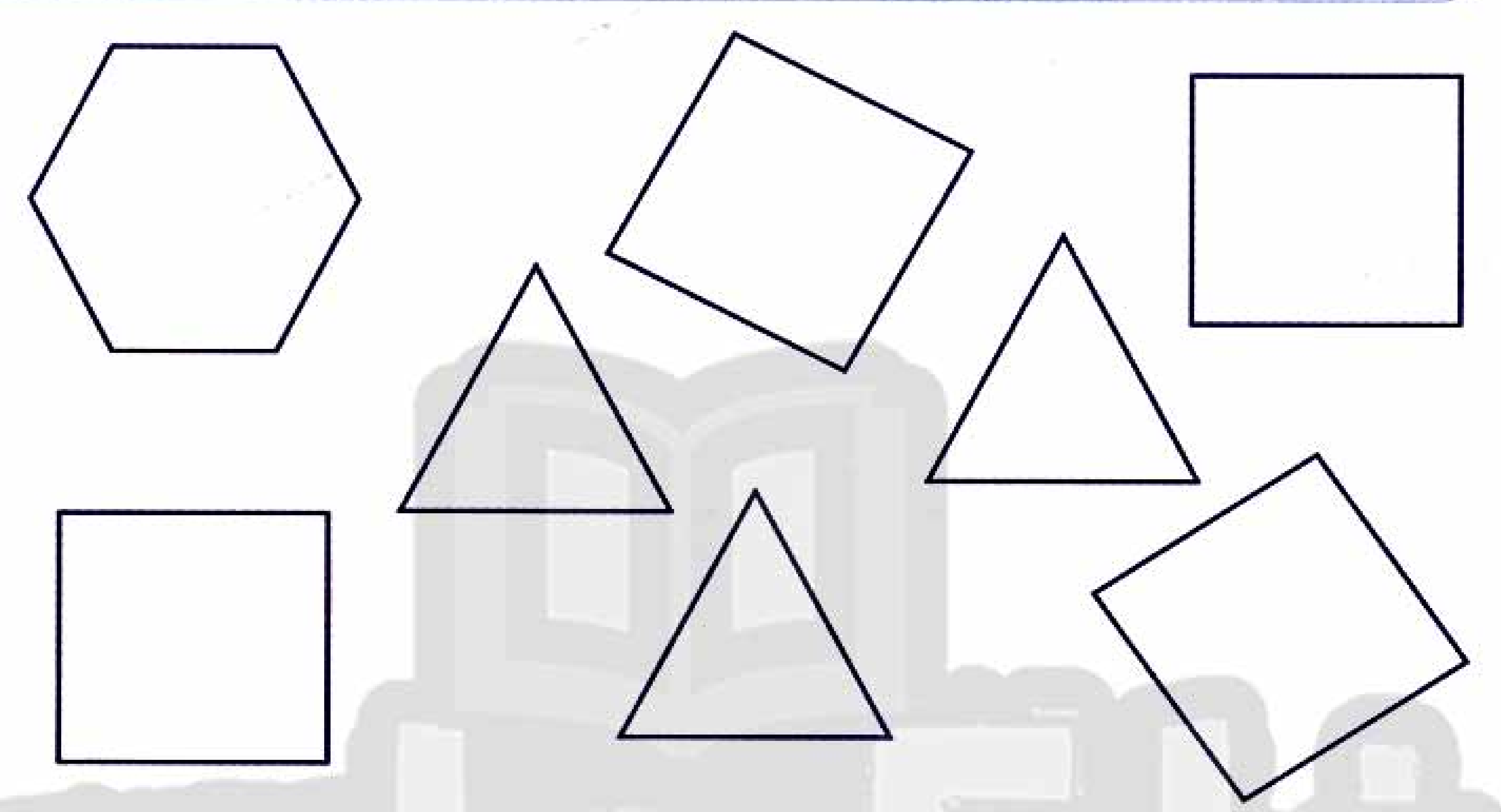


Exercise 2 Join :

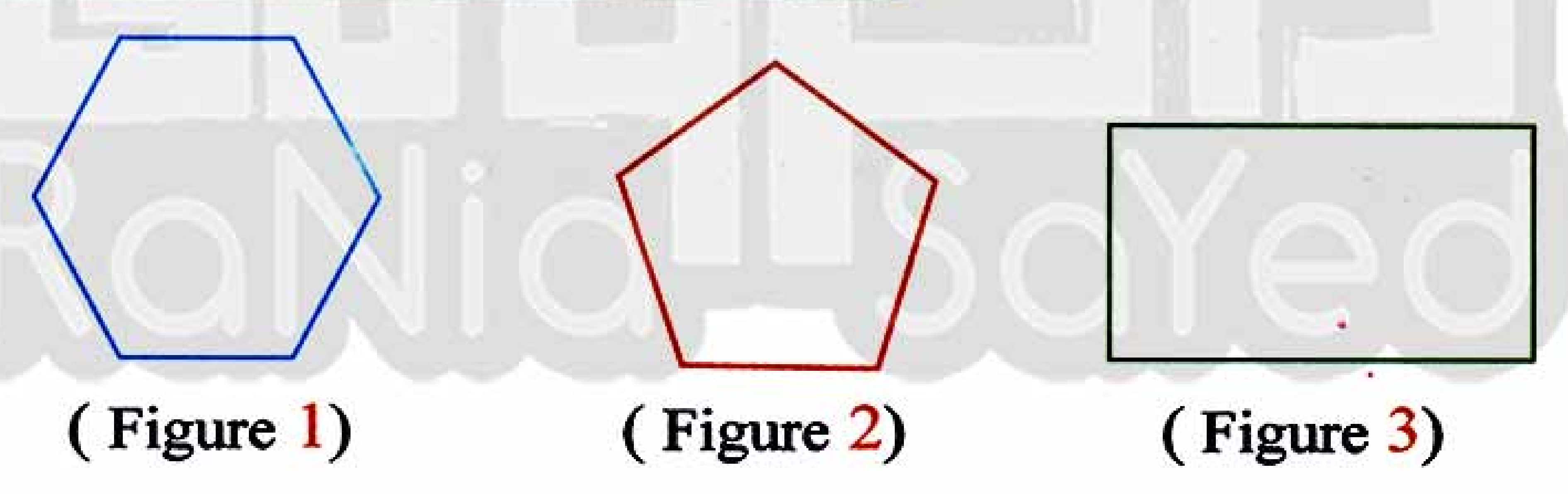
Exercise 3 Put (√) inside each quadrilateral :

Self - check on lesson (41, 42)

1 Colour 3 squares with red , 2 triangles with green :



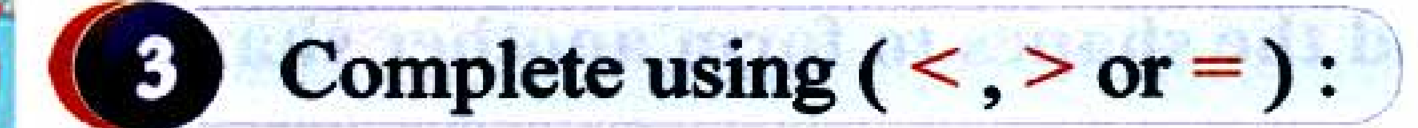
2 Look and complete the table :



(Figure 1) (Figure 2) (Figure 3)

(Figure)	Figure (1)	Figure (2)	Figure (3)
Number of sides	....	....	....
Number of vertices	....	....	....





3 Complete using (< , > or =) :

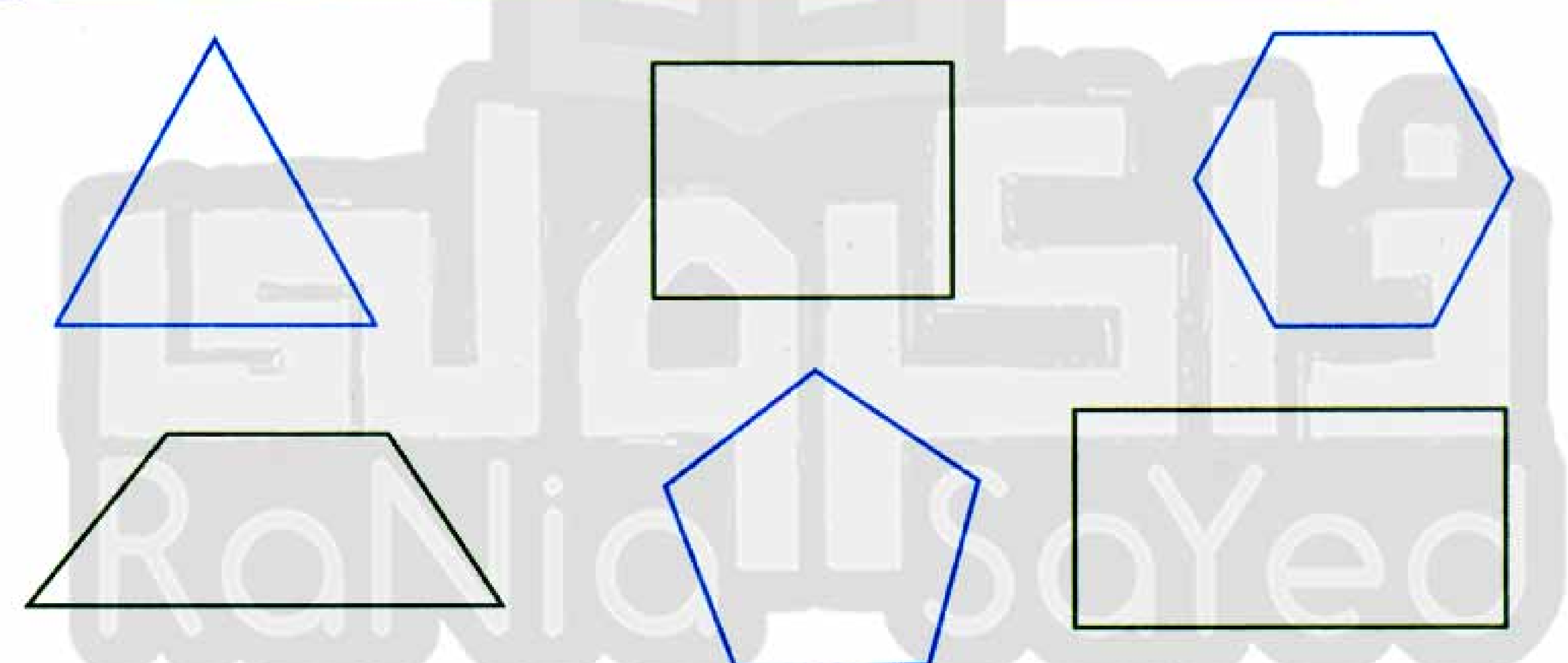
(A) Number of sides of △ (......) number of sides of ▭

(b) Number of sides of □ (......) number of sides of ○

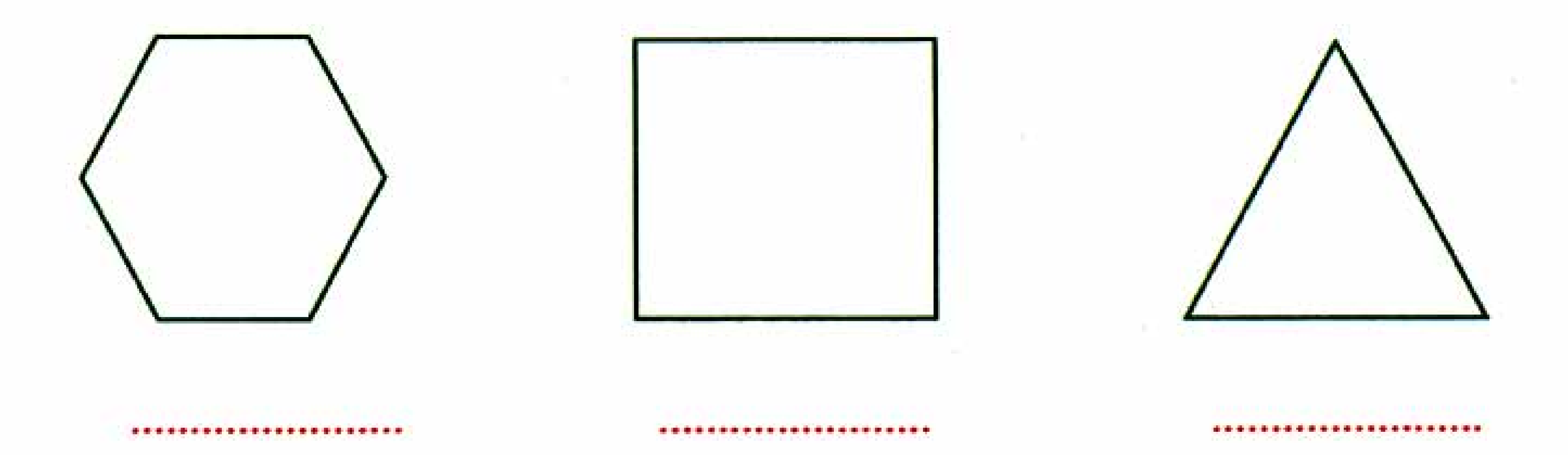
(c) Number of sides of ⬠ (......) number of sides of ⬡



4 Circle the figures that has more than 4 sides :



5 Write the number of vertices :

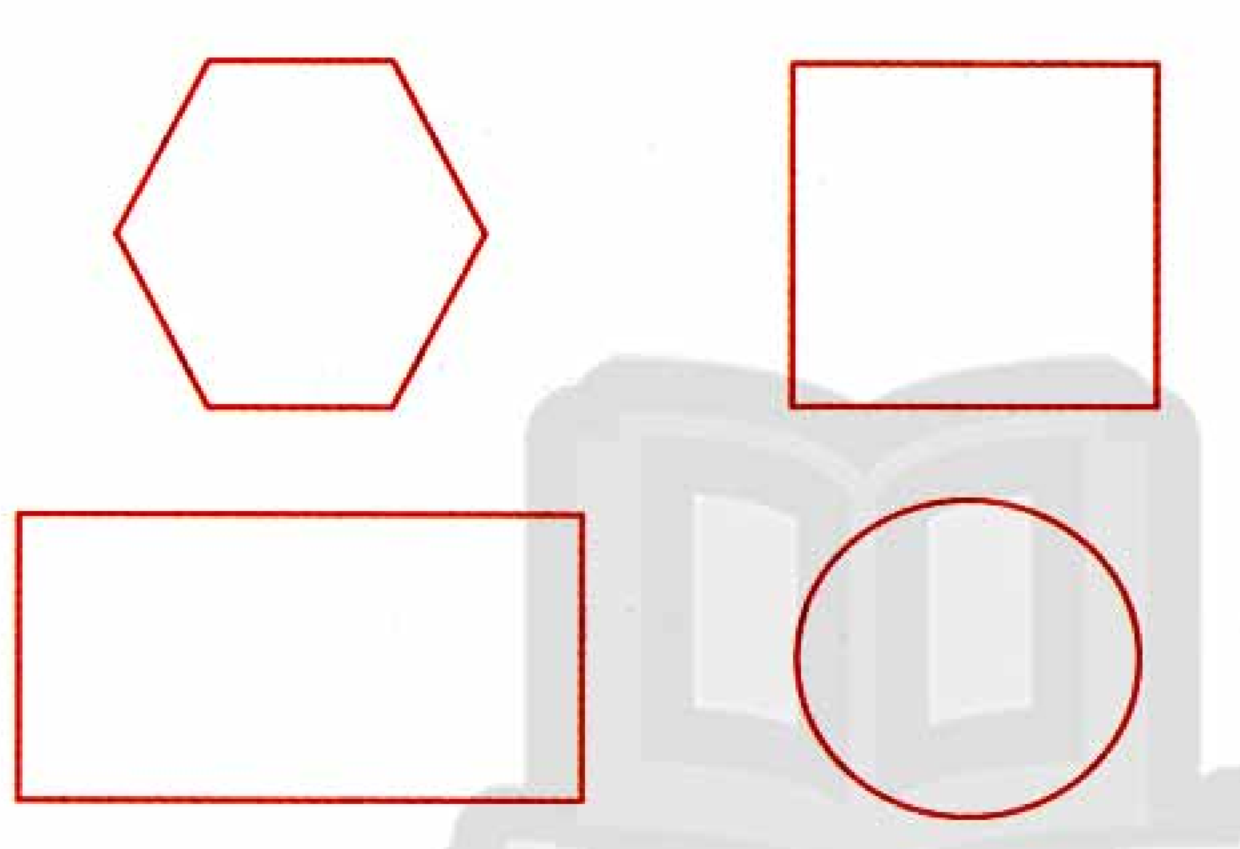


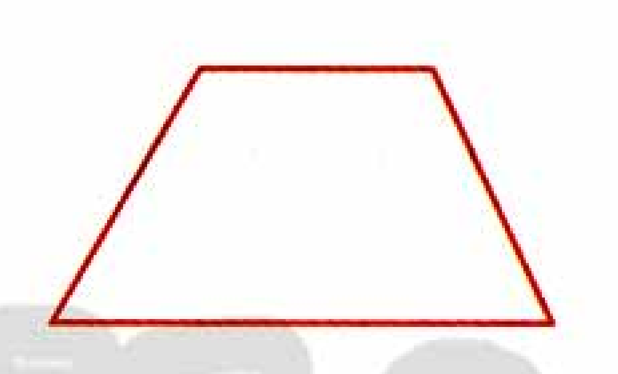
....

Lesson (43 , 44)

Rebuild the shapes to form another shapes

Activity 1 From the figures complete who I 'm ?





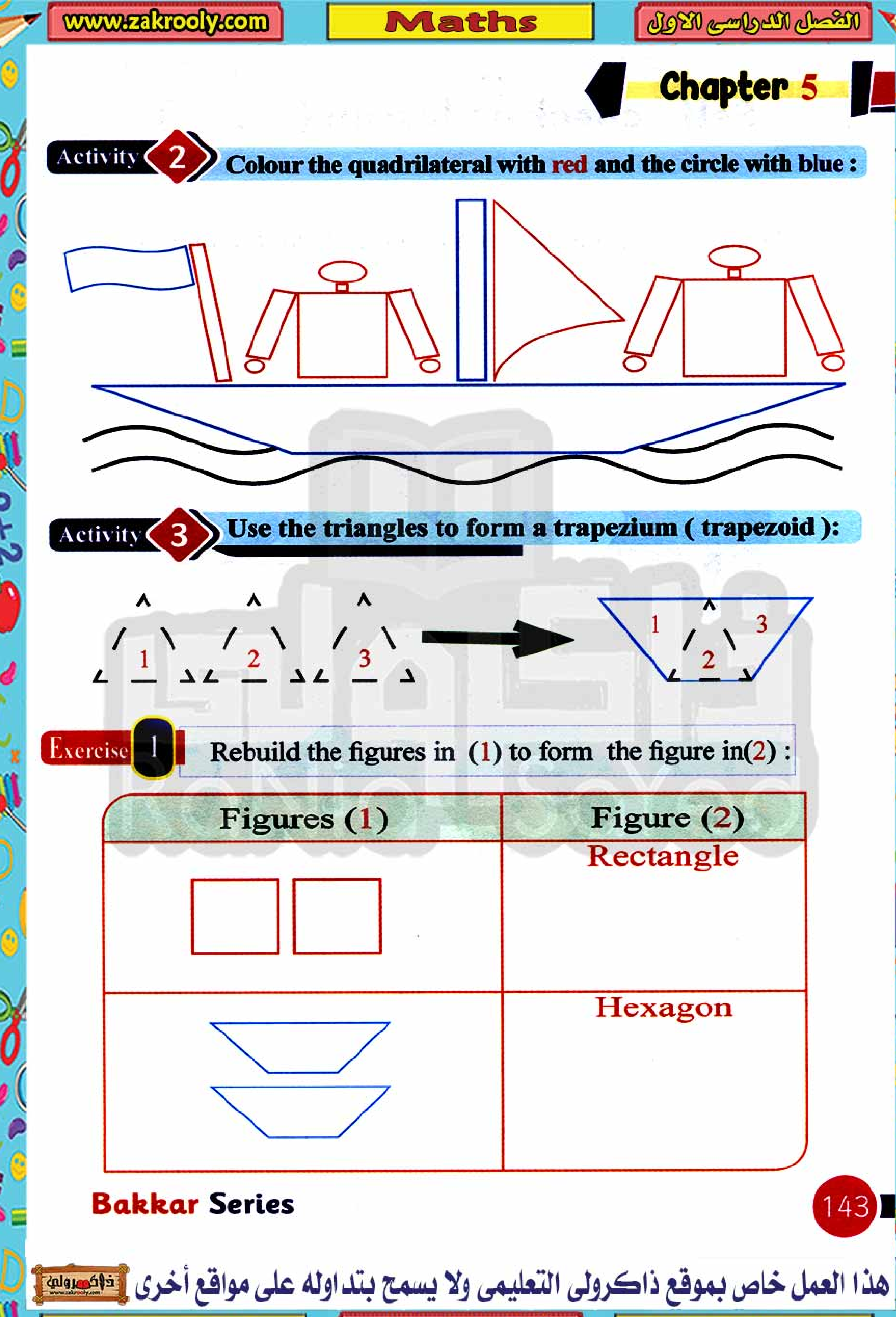
a) I'm 2D shape has 4 equal sides .
I'm : ....

b) I'm 2D shape with 3 vertices .
I'm : ....

c) I'm 2D shape with 6 sides , 6 vertices .
I'm : ....

d) I'm 2D shape with 2 short side and 2 long side
I'm : ....

e) I'm 2D shape have no sides , no vertices .
I'm : ....



Activity 2 Colour the quadrilateral with red and the circle with blue :

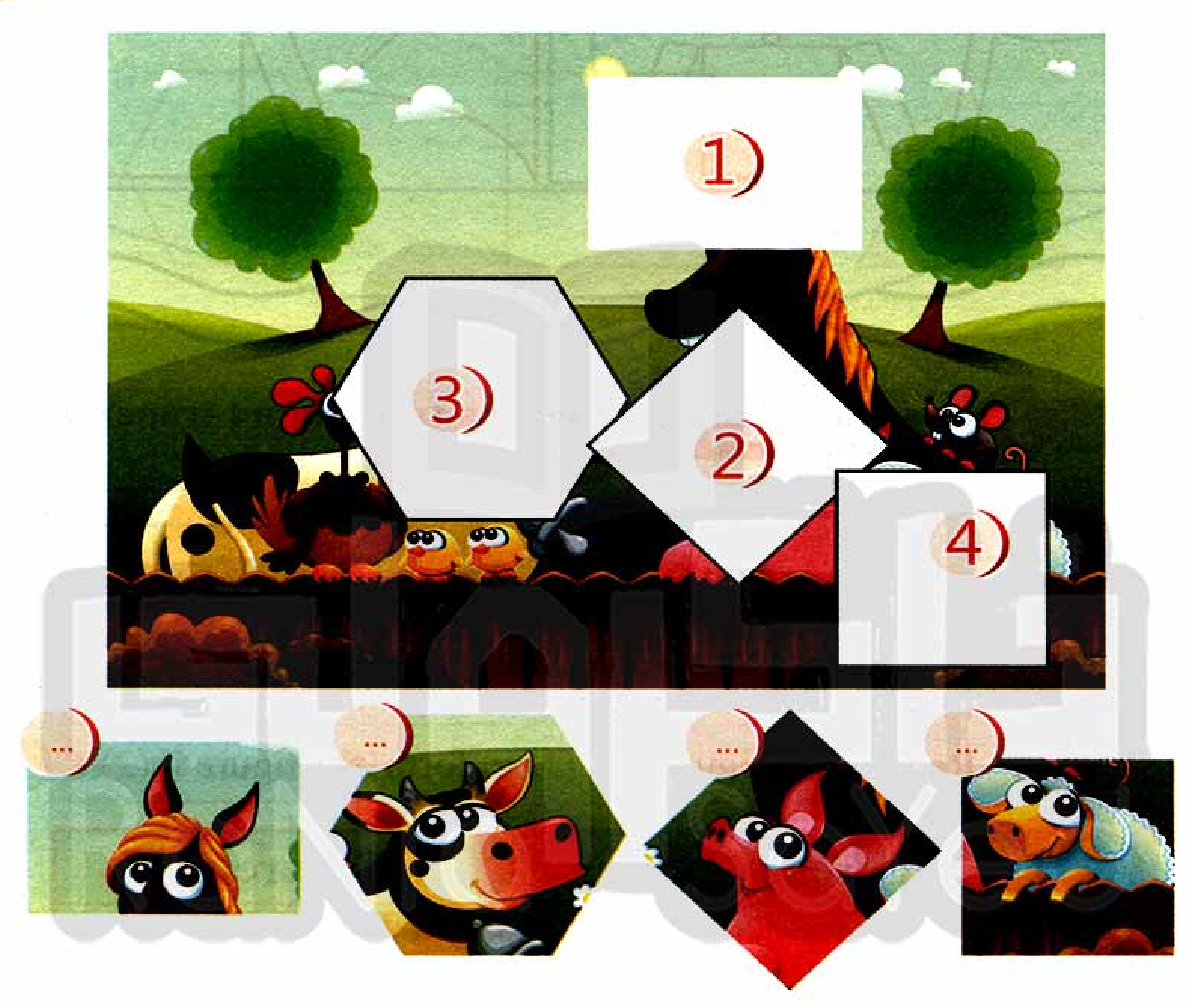
Activity 3 Use the triangles to form a trapezium (trapezoid):

Exercise 1 Rebuild the figures in (1) to form the figure in(2) :

Figures (1)	Figure (2)
	Rectangle
	Hexagon

Self - check on lesson (43, 44)

1 Write the number on each photo to form the picture :

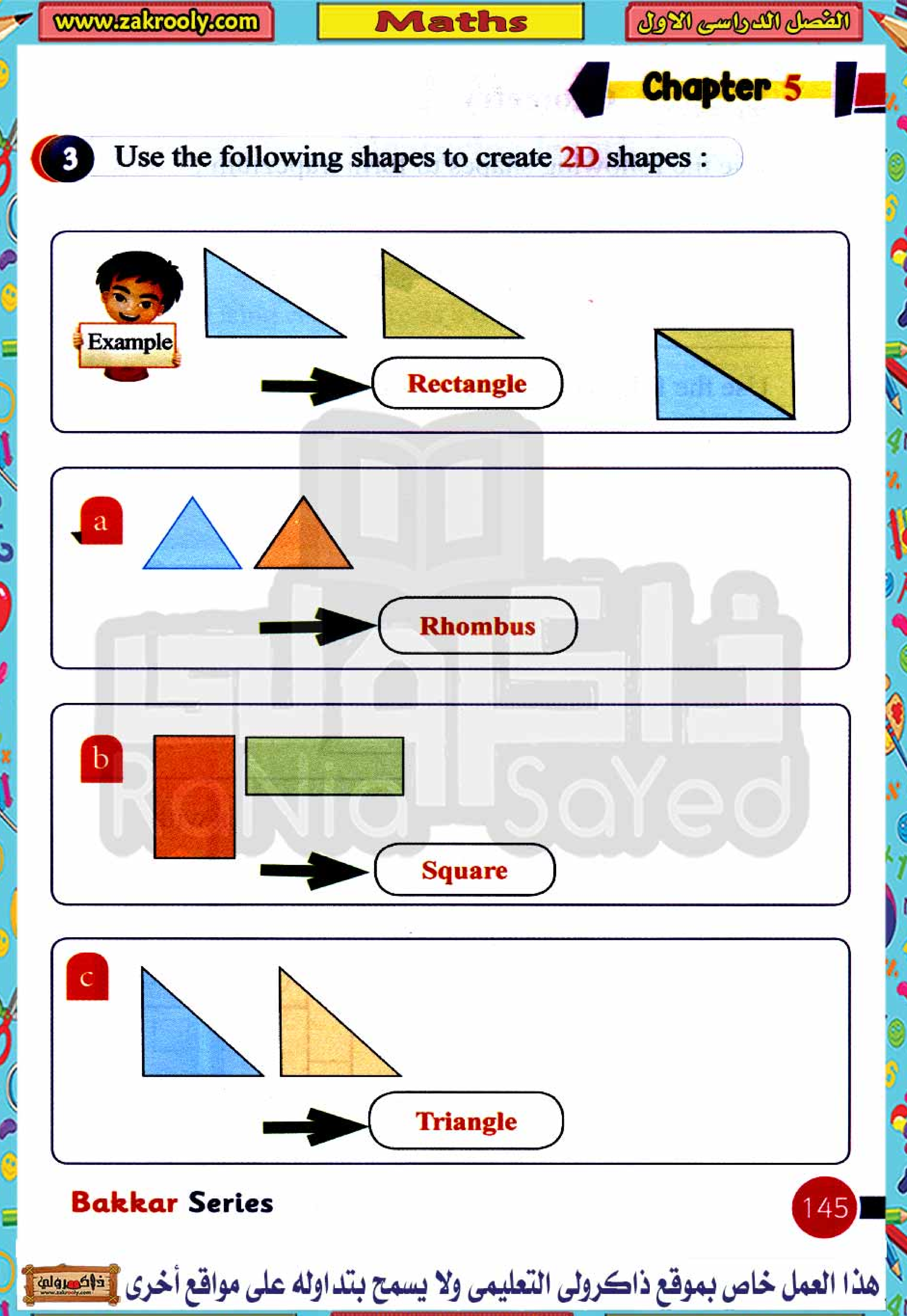


2 Who am I ?

a) I'm 2D shape with 5 sides . I'm : ....

b) I'm 2D shape with 3 vertices . I'm : ....

c) I'm 2D shape has no sides no vertices . I'm : ....



3 Use the following shapes to create **2D** shapes :

Example

→ **Rectangle**

a

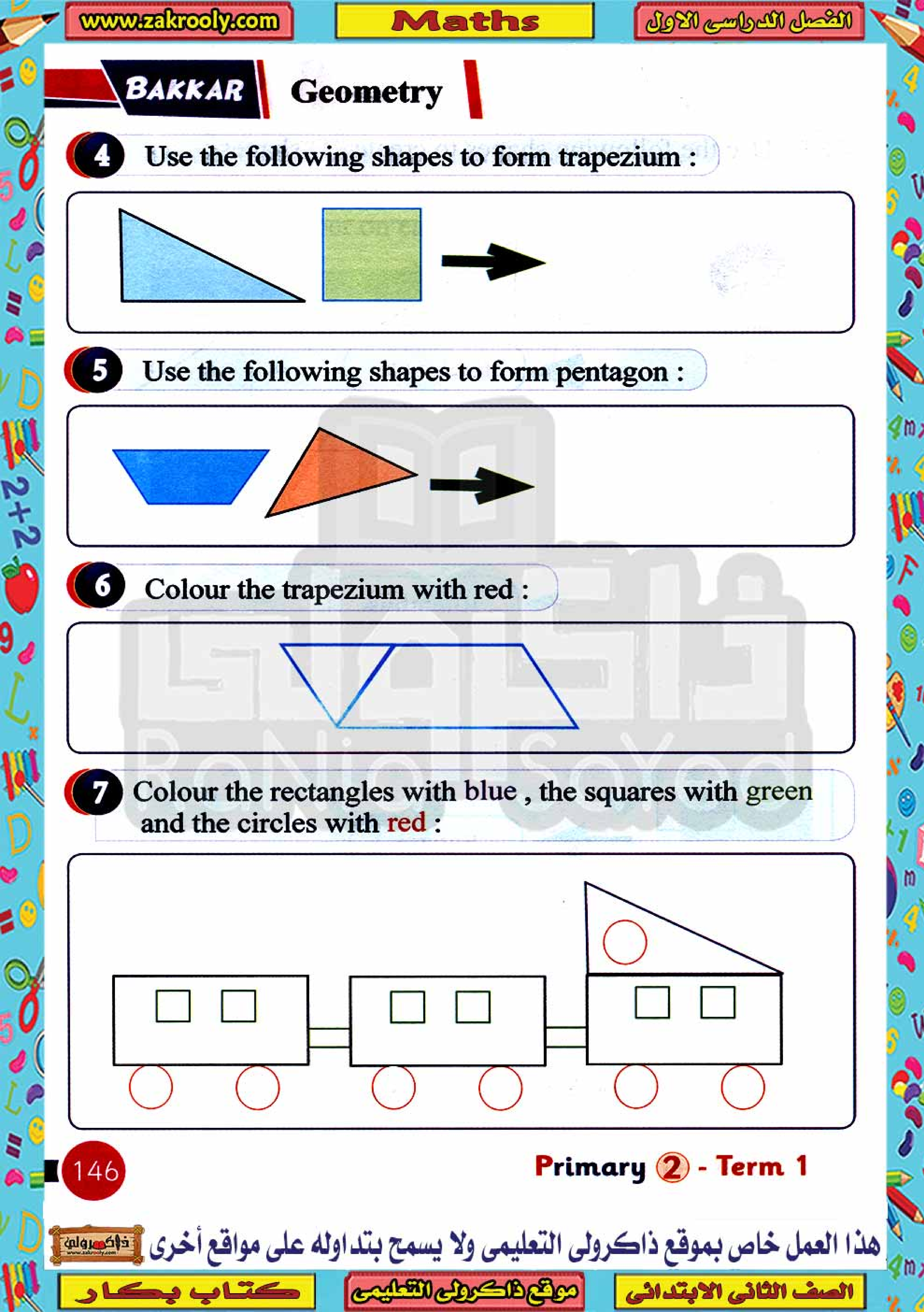
→ **Rhombus**

b

→ **Square**

c

→ **Triangle**



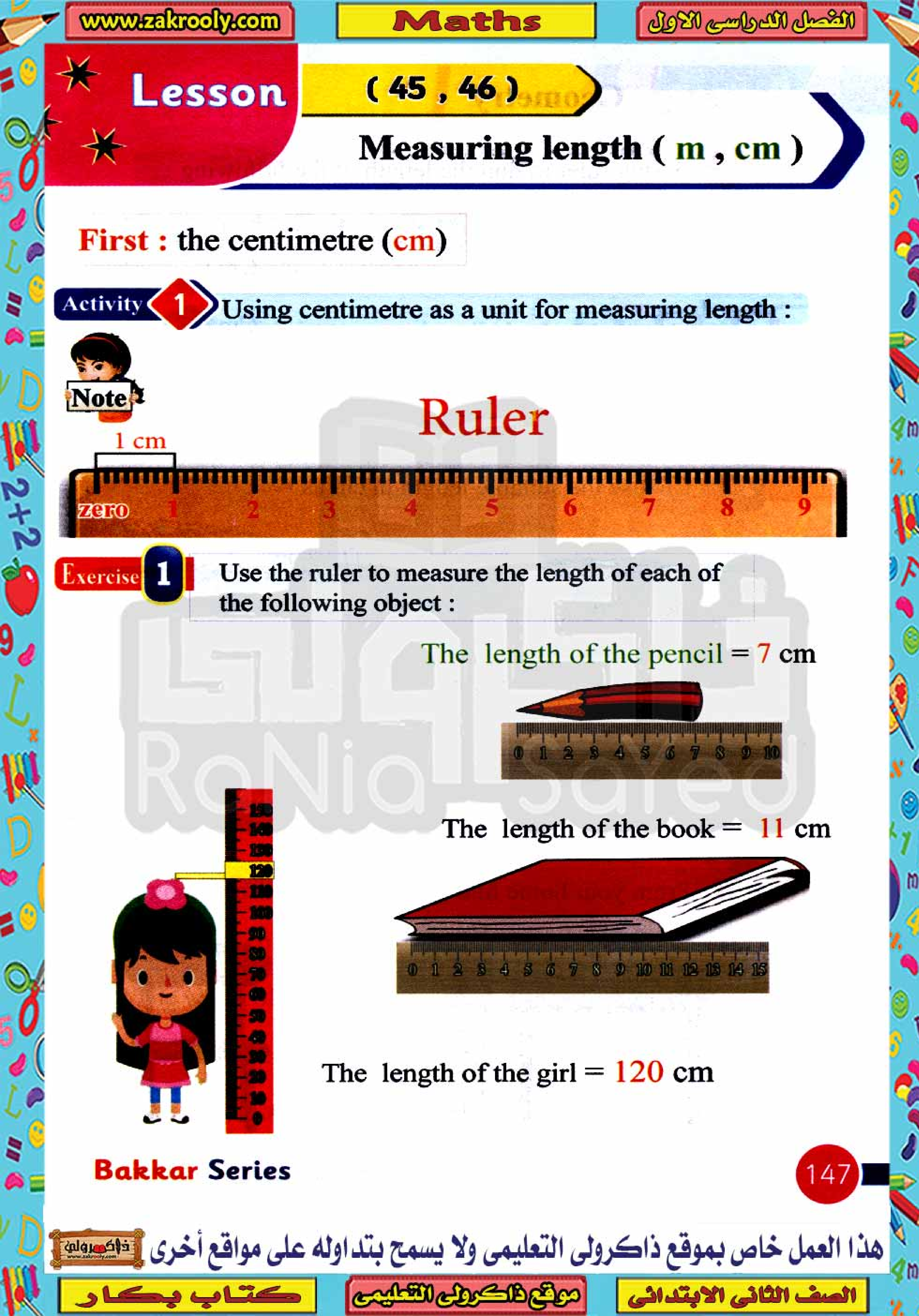
BAKKAR **Geometry**

4 Use the following shapes to form trapezium :

5 Use the following shapes to form pentagon :

6 Colour the trapezium with red :

7 Colour the rectangles with blue , the squares with green and the circles with red :



Lesson (45 , 46)

Measuring length (m , cm)

First : the centimetre (cm)

Activity 1 Using centimetre as a unit for measuring length :

Note

Ruler

Exercise 1 Use the ruler to measure the length of each of the following object :

The length of the pencil = 7 cm

The length of the book = 11 cm

The length of the girl = 120 cm



BAKKAR **Geometry**

Activity 2 Using ruler to find the length of the following :

Cm (........)

Cm (........)

Cm (........)

Exercise 2 Choose the suitable length in cm as Ex :

Ex (300 , 200 , 20)

(50 , 15 , 150)

(300 , 25 , 100)

(300 , 200 , 20)

Exercise 3 From your home find the length of the following :

(........) cm

(........) cm

Second : The metre (m)

0 10 20 30 40 50 60 70 80 90 100
zero 100

This instrument is called ruler it's length 1 metre

1 metre = 100 centimetre , [1 m = 100 cm]



From your class answer the following :

Exercise 4 Estimate the suitable length in m :

(a) Height of the classroom (12 , 7 , 3)

(b) Height of chair (5 , 1 , 3)

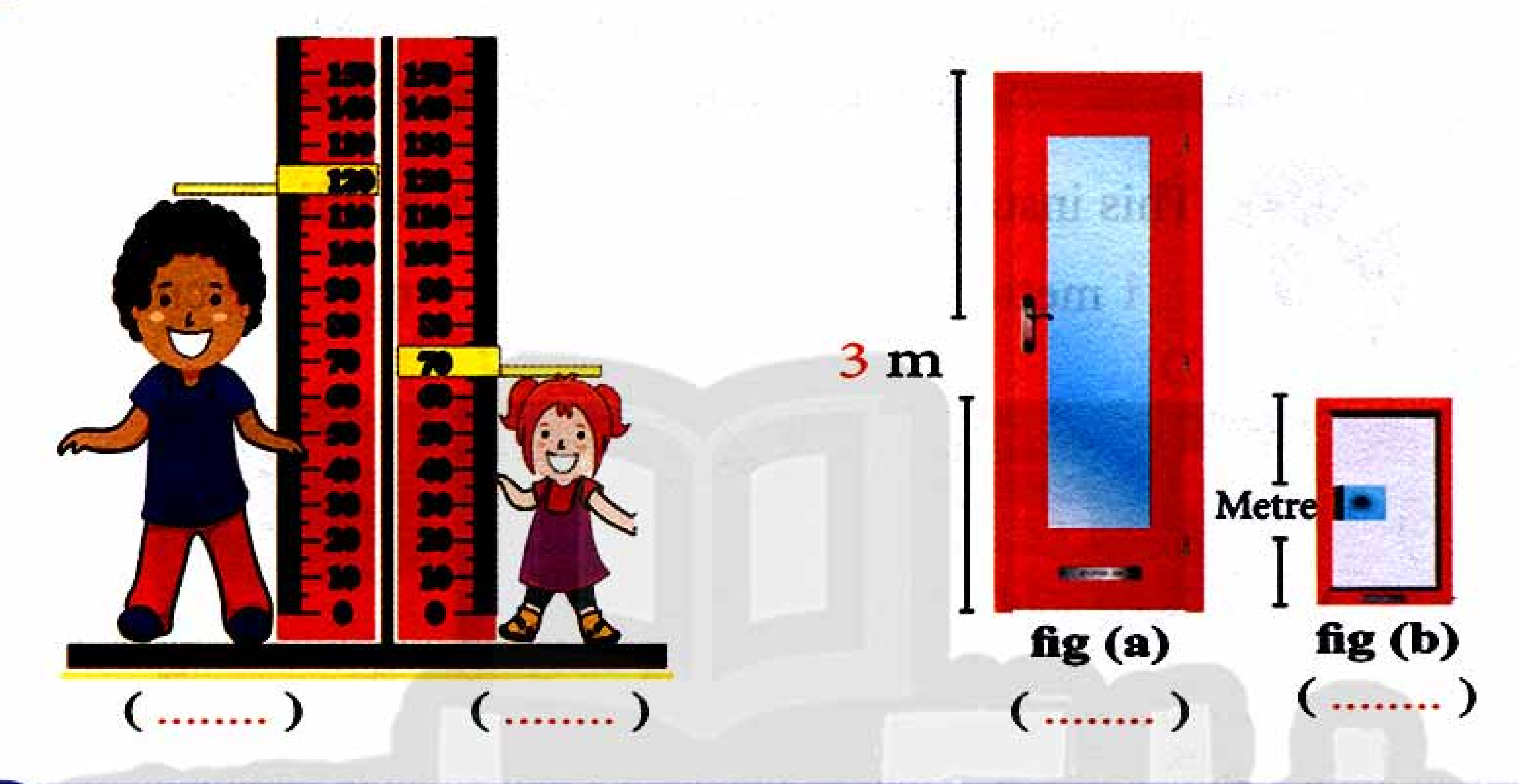
(c) The width of the window (15 , 10 , 2)

(d) The length of the board (20 , 5 , 30)

(e) The length of the play ground (10 , 30 , 100)

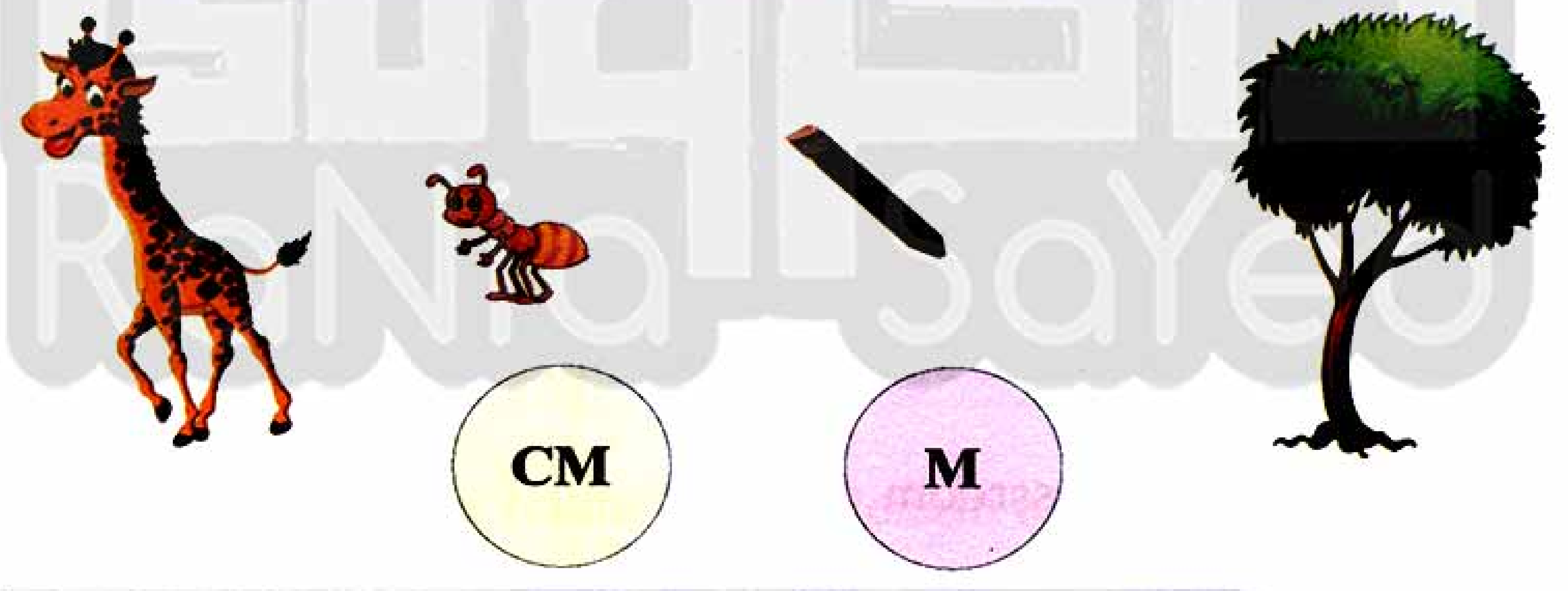
Self - check on lesson (45, 46)

1 Put (√) under the longer :

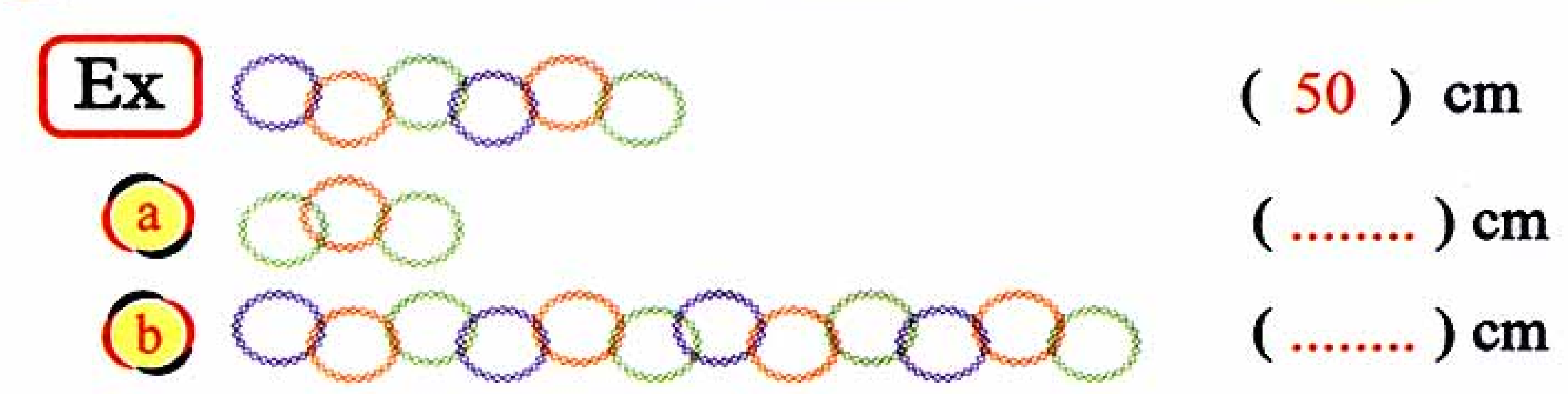


(........) (........) (........) (........)

2 Join with the suitable unit to measure the length of the following :



3 Determine the length of the figure as Ex :



Ex (50) cm

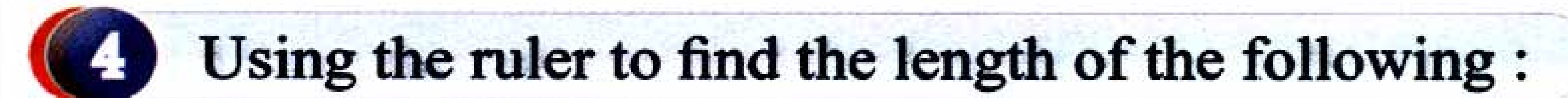
a (........) cm

b (........) cm





Chapter 5



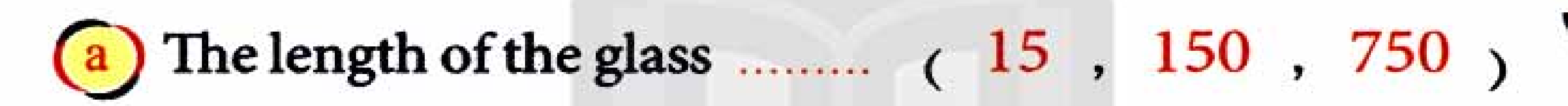
4 Using the ruler to find the length of the following :

(........ cm)

(........ cm)

(........ cm)

5 Choose the suitable length in (cm) :



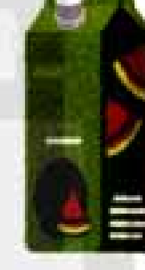
a) The length of the glass .... (15 , 150 , 750)



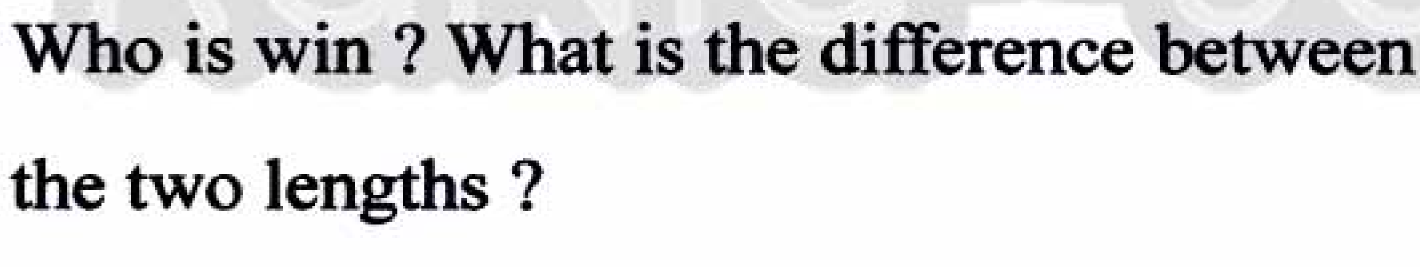
b) The length of the spoon .... (240 , 100 , 15)



c) The length of the bottle .... (250 , 150 , 20)



6 Answer the following :



In the game disk Omar throw a length of 4 m ,

Ali throw length of 3 m ,

Who is win ? What is the difference between

the two lengths ?



Solution : The winner ....

The difference = ... - .... = ... m

7 Answer the following :

Two pieces of cloth of length 7 m and 4 m , find the total length of the two pieces .

Solution : the total length = ... + ... = ... m

General Self - check

1 Complete the following table :

Figure	Name	The property	
		Number of sides	Number of vertices
(triangle)			
(square)			
(rectangle)			
(trapezium)	Trapezium	4	4
(hexagon)			

2 Determine the length of the following :

a (........)

b (........)



3 Who am I ?

(a) A two dimensional shape with 5 vertices .

I'm : ....

(b) A two dimensional shape has 3 side .

I'm : ....

(c) Quadrilateral not a square and not rectangle .

I'm : ....

(d) A two dimensional shape has no side and no vertices .

I'm : ....

(e) Has 4 vertices and 2 long side, 2 short side .

I'm : ....

4 Choose the suitable length in cm :

(a) The length of the pencil (300 10 , 50)

(b) The length of the key (150 , 75 , 5)

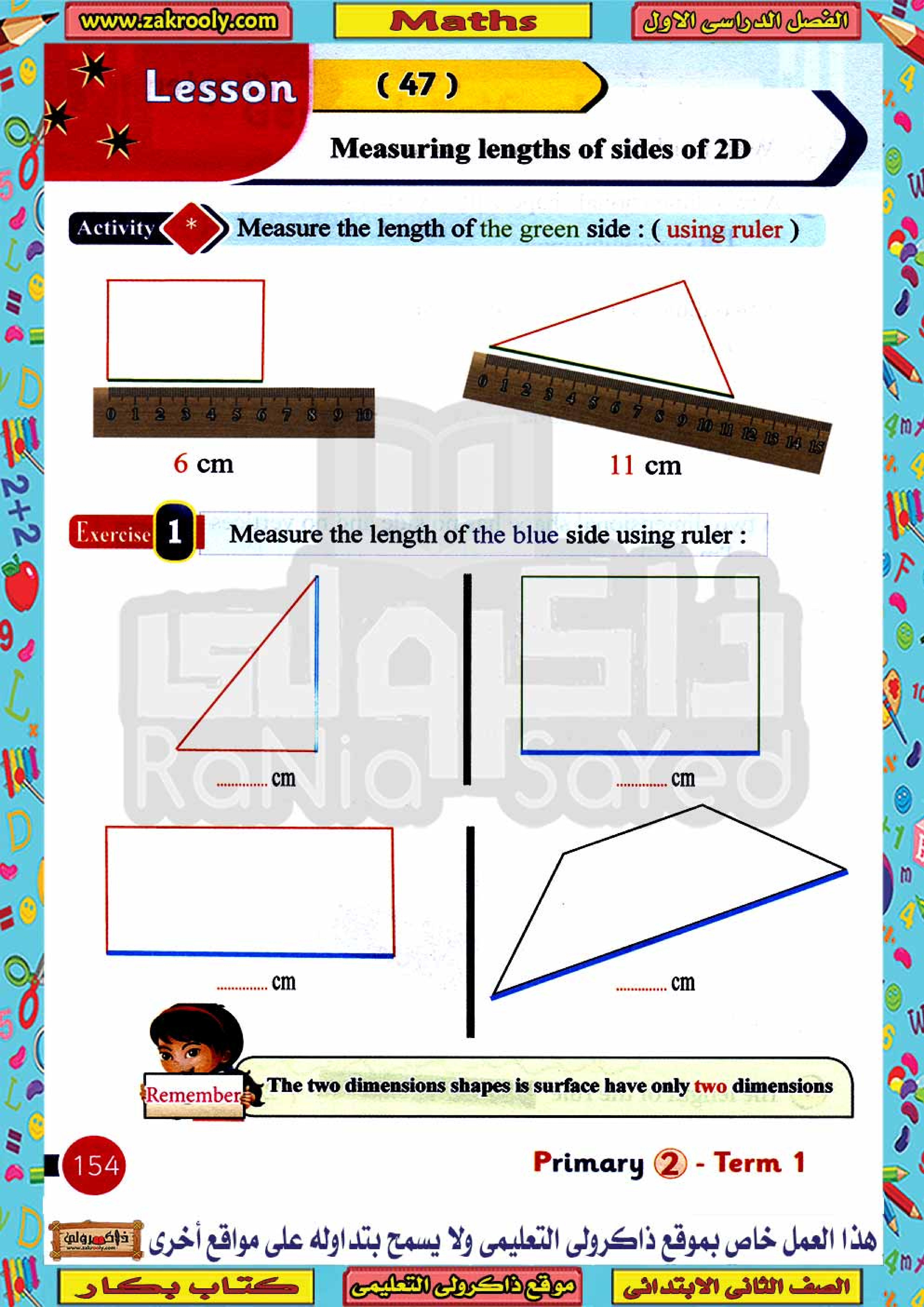
(c) The length of the mobile (50 , 20 , 100)

(d) The length of the nail (4 , 100 , 400)

(e) The length of the rule (200 , 500 , 20)

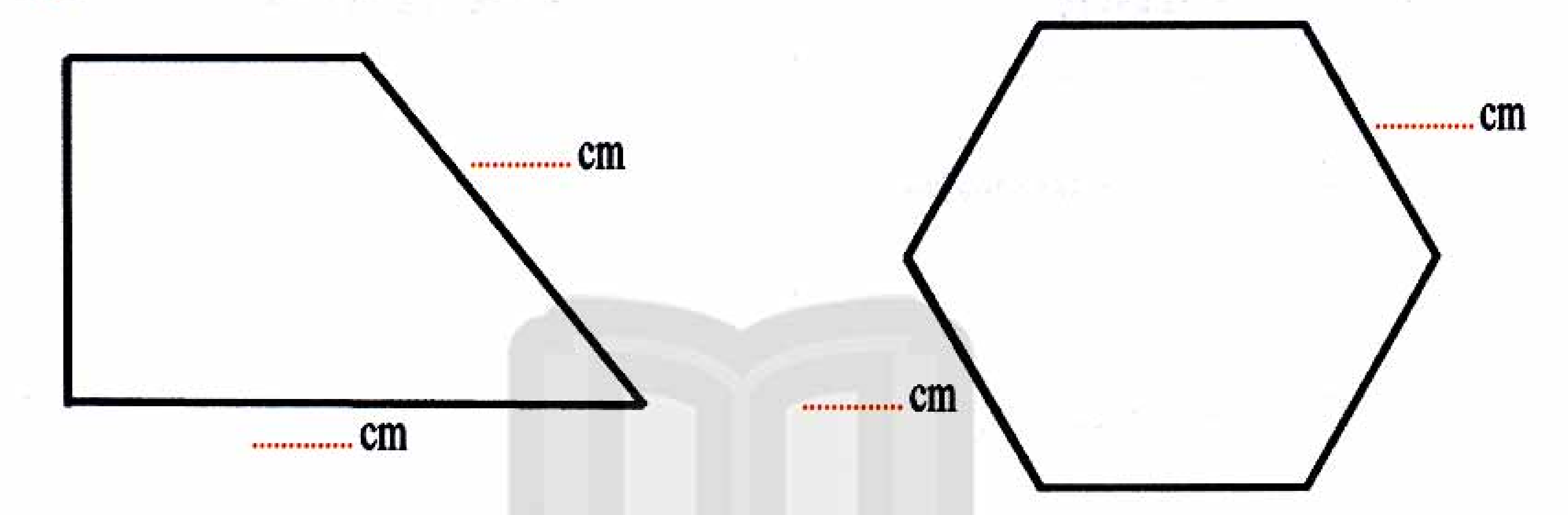
Lesson (47)

Measuring lengths of sides of 2D



Self - check on lesson (47)

1 Measure the required sides using ruler :



2 Measure the required sides using ruler :



3 Using ruler measure the length of the following :

a) (........) cm

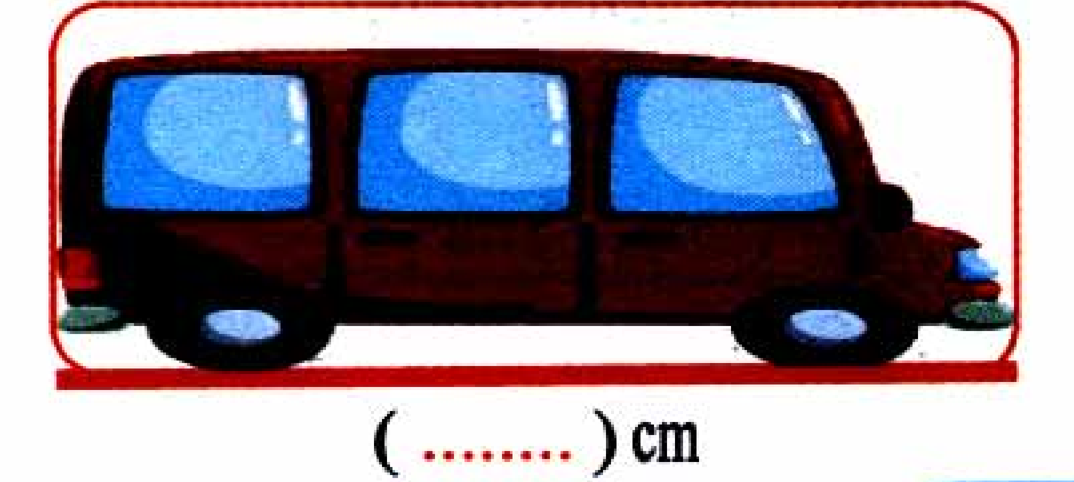
b) (........) cm

c) (........) cm

4 Find these things in your house, measure them, and complete the table :

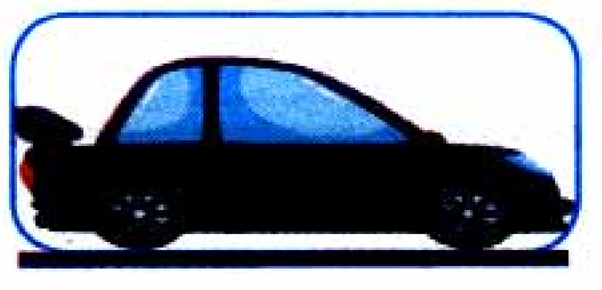
Thing	The length
	....
	....
	....
	....

5 Measure the length of the following :



(........) cm

(........) cm



(........) cm

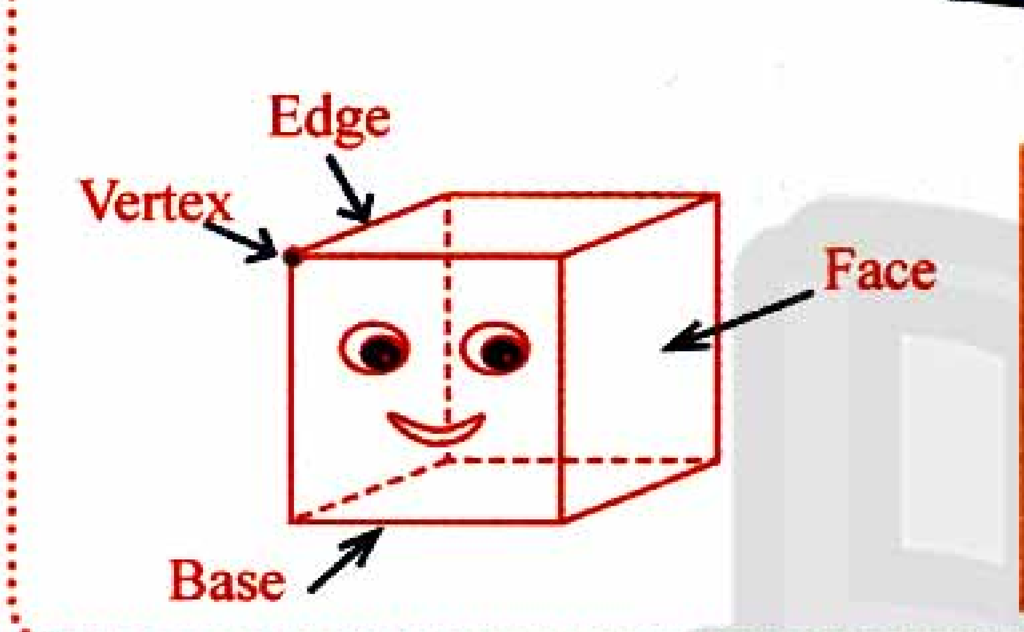


(48 , 49)

Solids (3D)

The properties

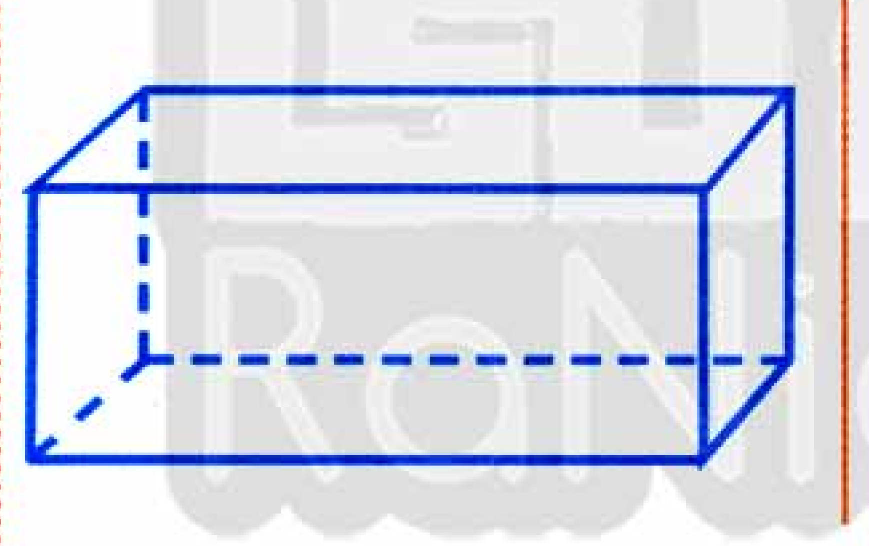
Cube



It has :

* 6 faces each as a square
* 12 edges
* 8 vertices
* Note : each face as a base

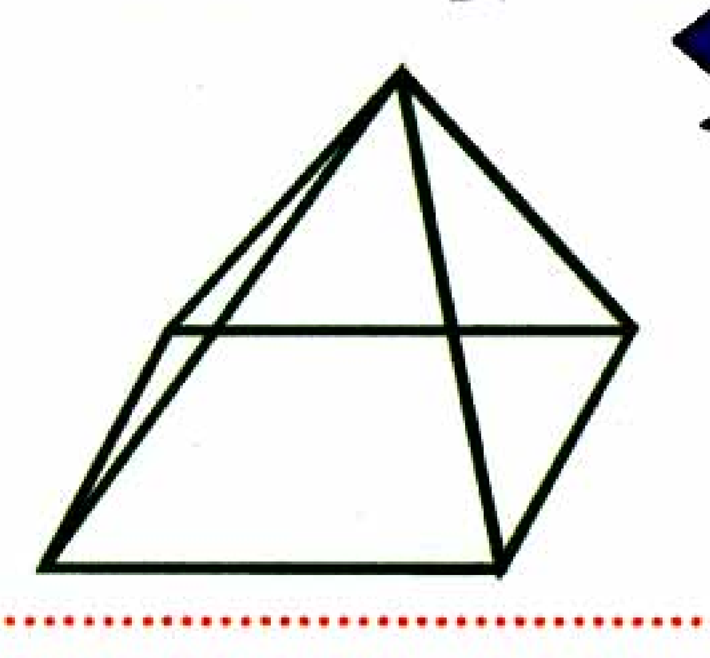
Cuboid



It has :

* 6 faces each as a rectangle
* 12 edges
* 8 vertices
* Note :each face as a base

Quadrilateral pyramides



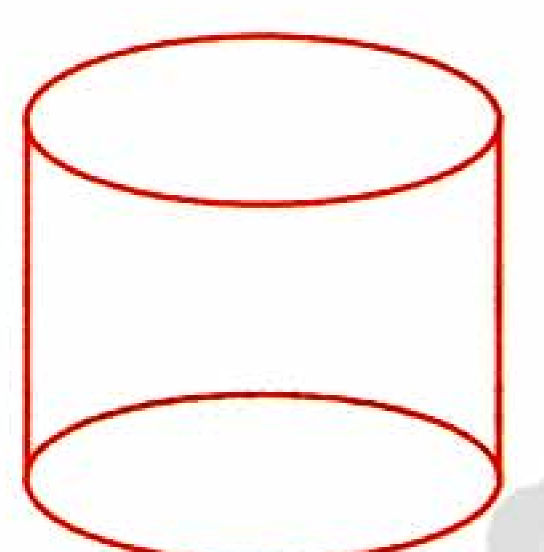
It has :

* 5 faces (4 side faces and 1 base)
* 8 edges
* 5 vertices

BAKKAR **Geometry**

Follow the properties of the solids

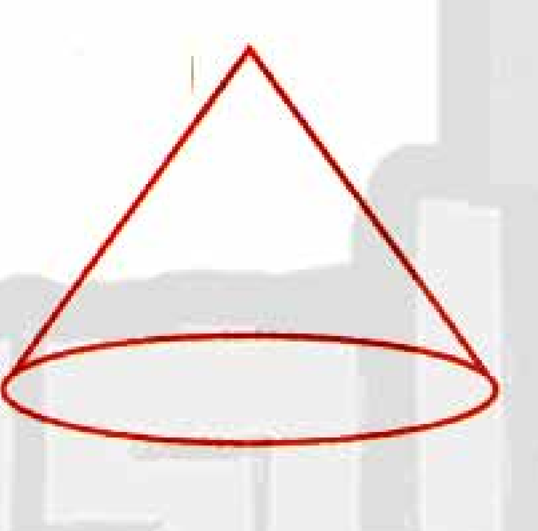
Cylinder



It has : no side faces

* No edges
* No vertices
* 2 circular bases

Cone



It has :

* 1 circular base
* 1 vertex
* No edges

Sphere



It has :

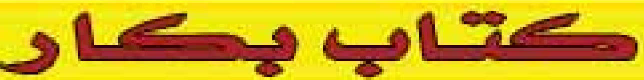
* No faces
* No vertices
* No bases

Notice :

The sphere : has no faces , edges vertices

The cylinder : has 2 circular bases but has no edges , no vertices

The cone : has no edges but has 1 vertex and 1 circular base .





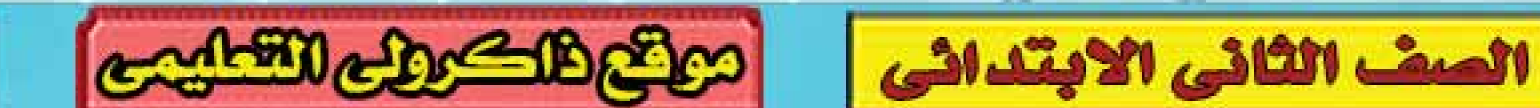




The (3 D) solids
(Solids has 3 dimensions)

Exercise 1 Complete :

Solid	Name	Number of vertices	Number of edges	Number of faces
(square pyramid)	....	....	....	....
(cube)	....	....	....	....
(cylinder)	....	....	....	....
(cuboid)	....	....	....	....
(cone)	....	....	....	....
(sphere)	....	....	....	....



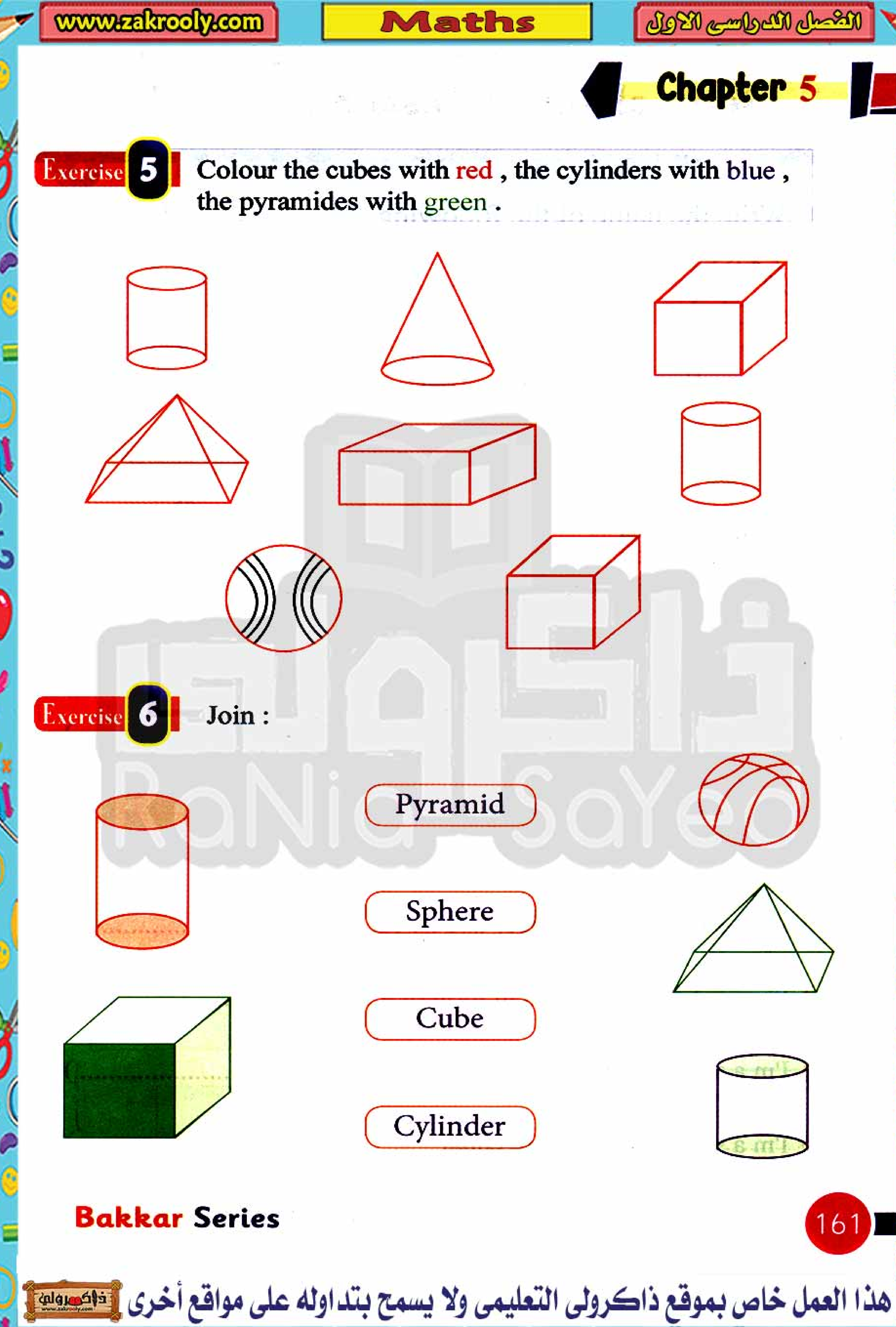
BAKKAR **Geometry**

Exercise 2 Colour the same solid with the same colour :

Exercise 3 Colour the solid that can be rolled :

Exercise 4 Join each base by it's solid :

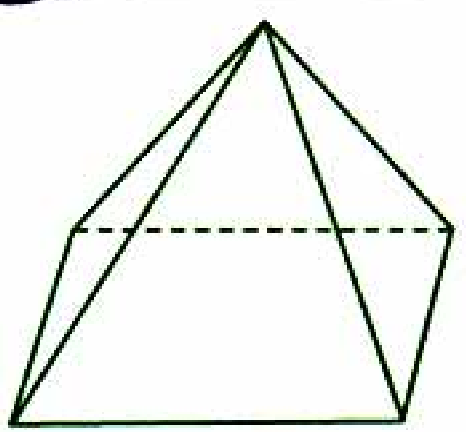
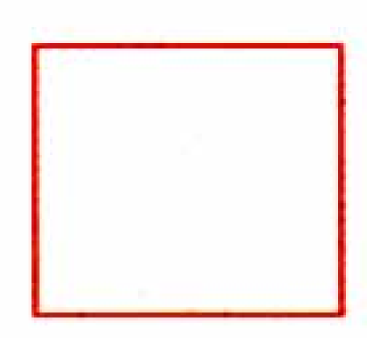
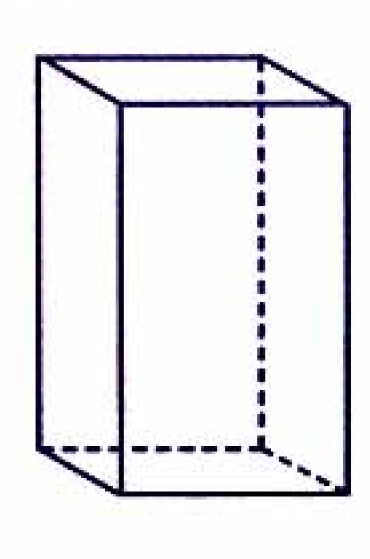
Exercise 5 Colour the cubes with red , the cylinders with blue , the pyramides with green .



Exercise 6 Join :

Self - check on lesson (48 , 49)

1 Write the name of the following :

....

2 Complete :

a) I'm a 2 dimensional shape has 3 sides . (..........................)

b) I'm a solid all my faces as a rectangles . (..........................)

c) I'm a solid has 2 circular bases . (..........................)

d) I'm a 2 dimensional shape has no sides , no vertices (..........................)

e) I'm a solid has no vertices and no faces . (..........................)

f) I'm a solid has all faces in form of a square (..........................)

g) I'm a solid has only one circular base (..........................)

h) I'm a shape my sides are equal (..........................)

3 Put (√) under the solid that has circular base :

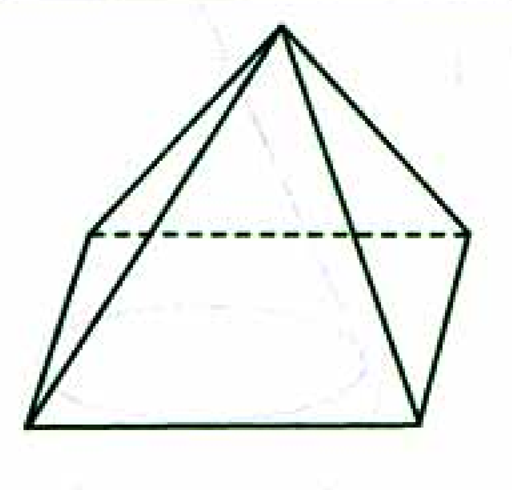
( ) ( ) ( )

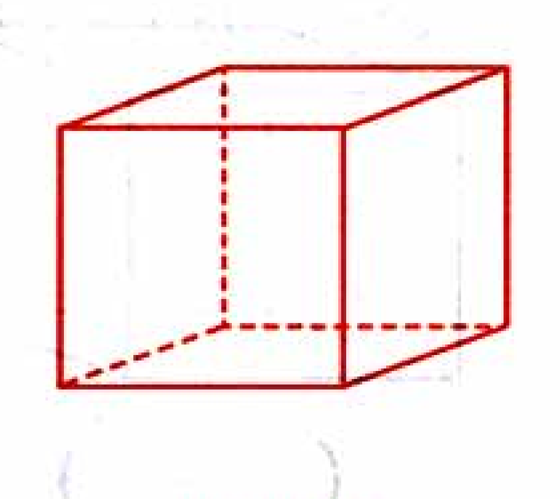
4 Write the number of faces in each solid :

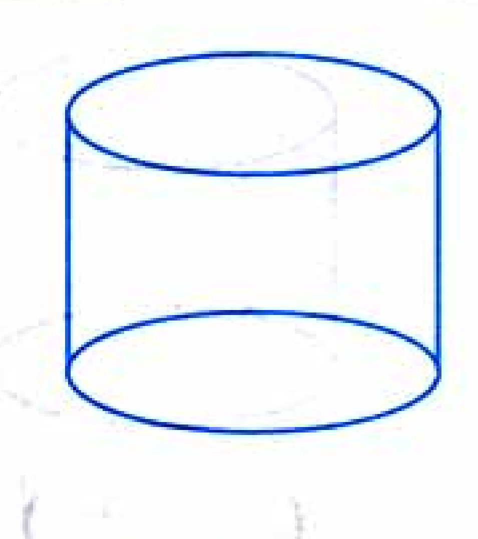
....

5 Join the solid with it's the suitable base :

6 Write the number of vertices of each solid :

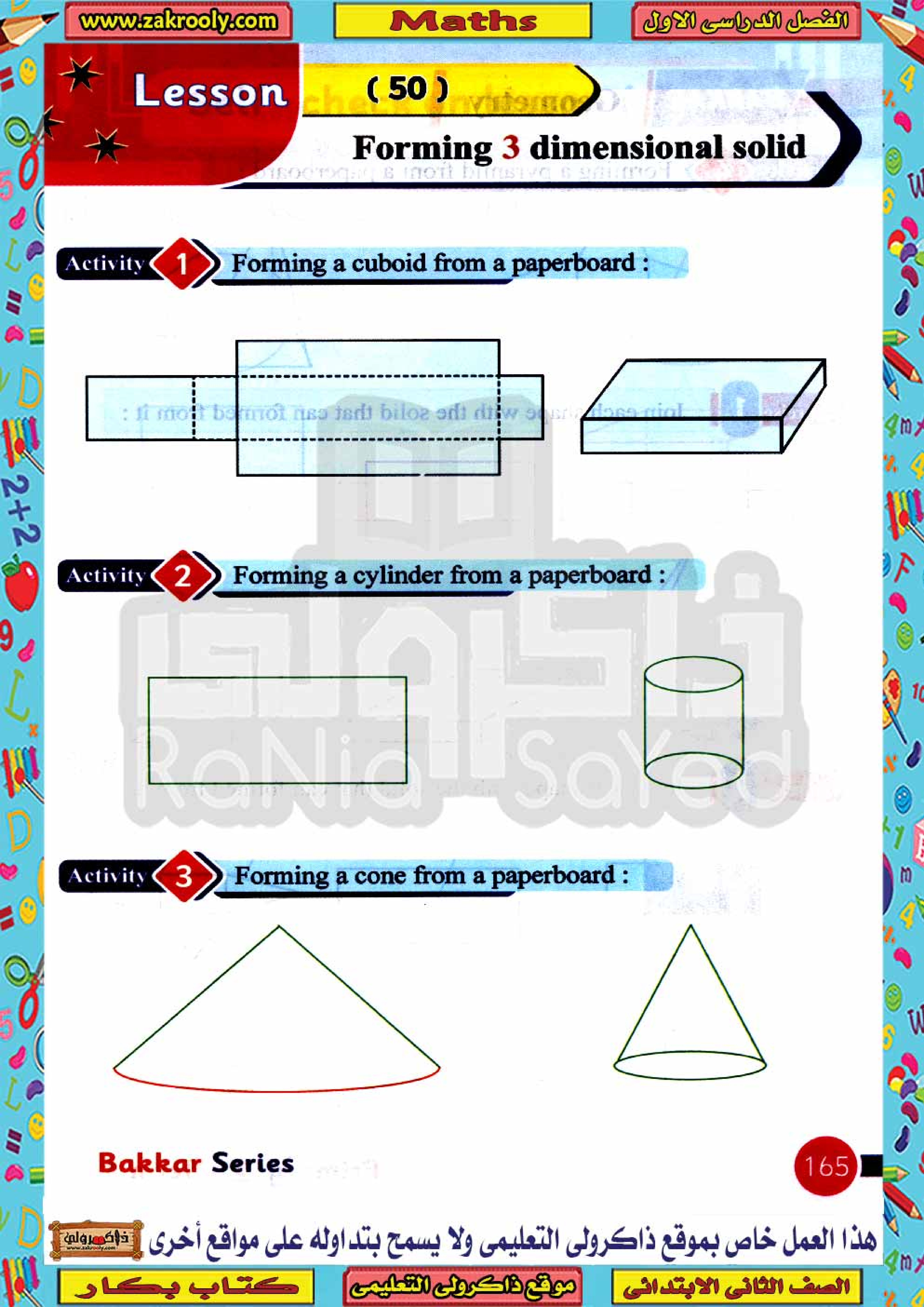

....


....


....

7 Put (√) under the similar solid :

	(........)	(........)	(........)
	(........)	(........)	(........)
	(........)	(........)	(........)
	(........)	(........)	(........)



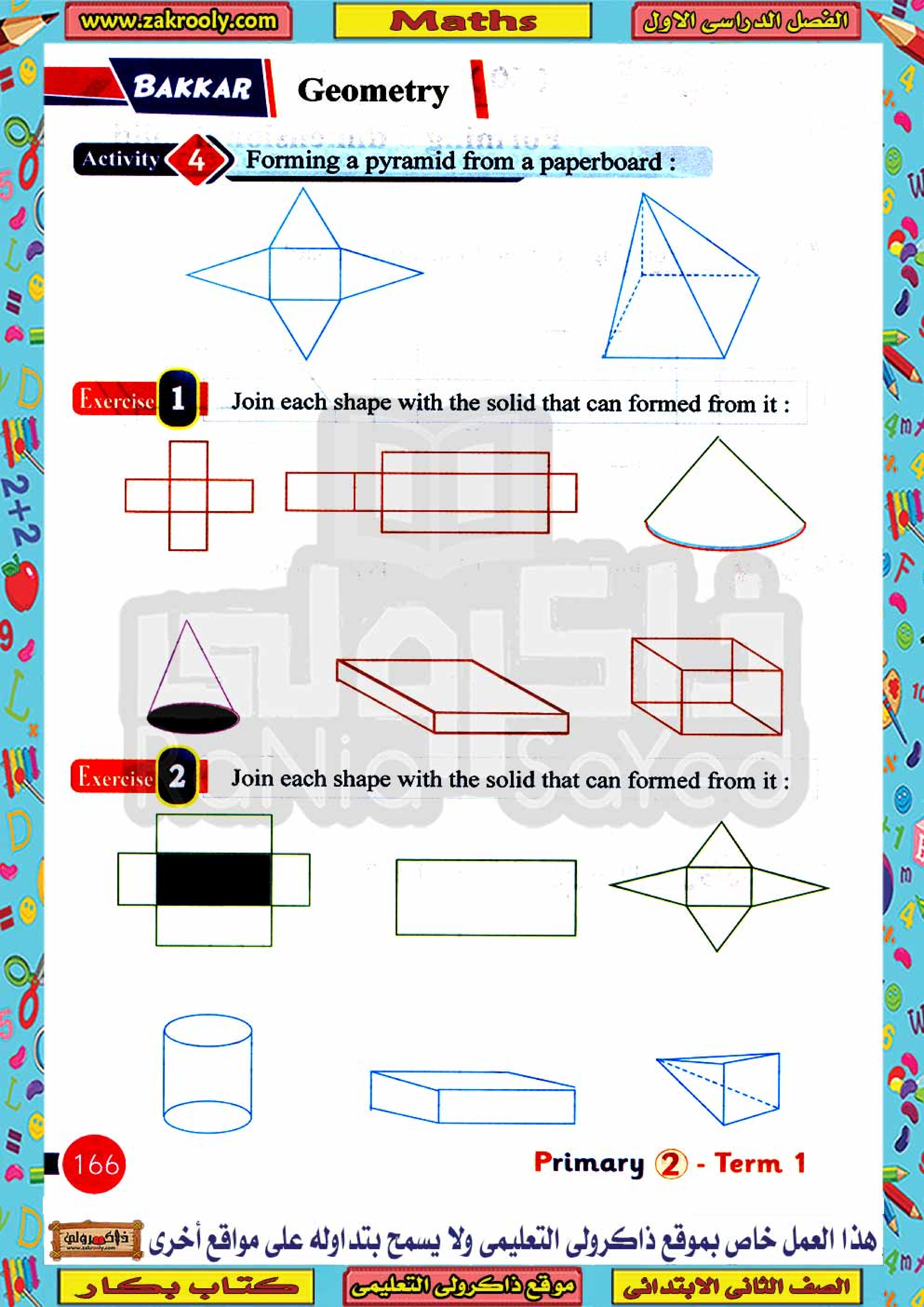
Lesson (50)

Forming 3 dimensional solid

Activity 1 Forming a cuboid from a paperboard :

Activity 2 Forming a cylinder from a paperboard :

Activity 3 Forming a cone from a paperboard :



BAKKAR **Geometry**

Activity 4 Forming a pyramid from a paperboard :

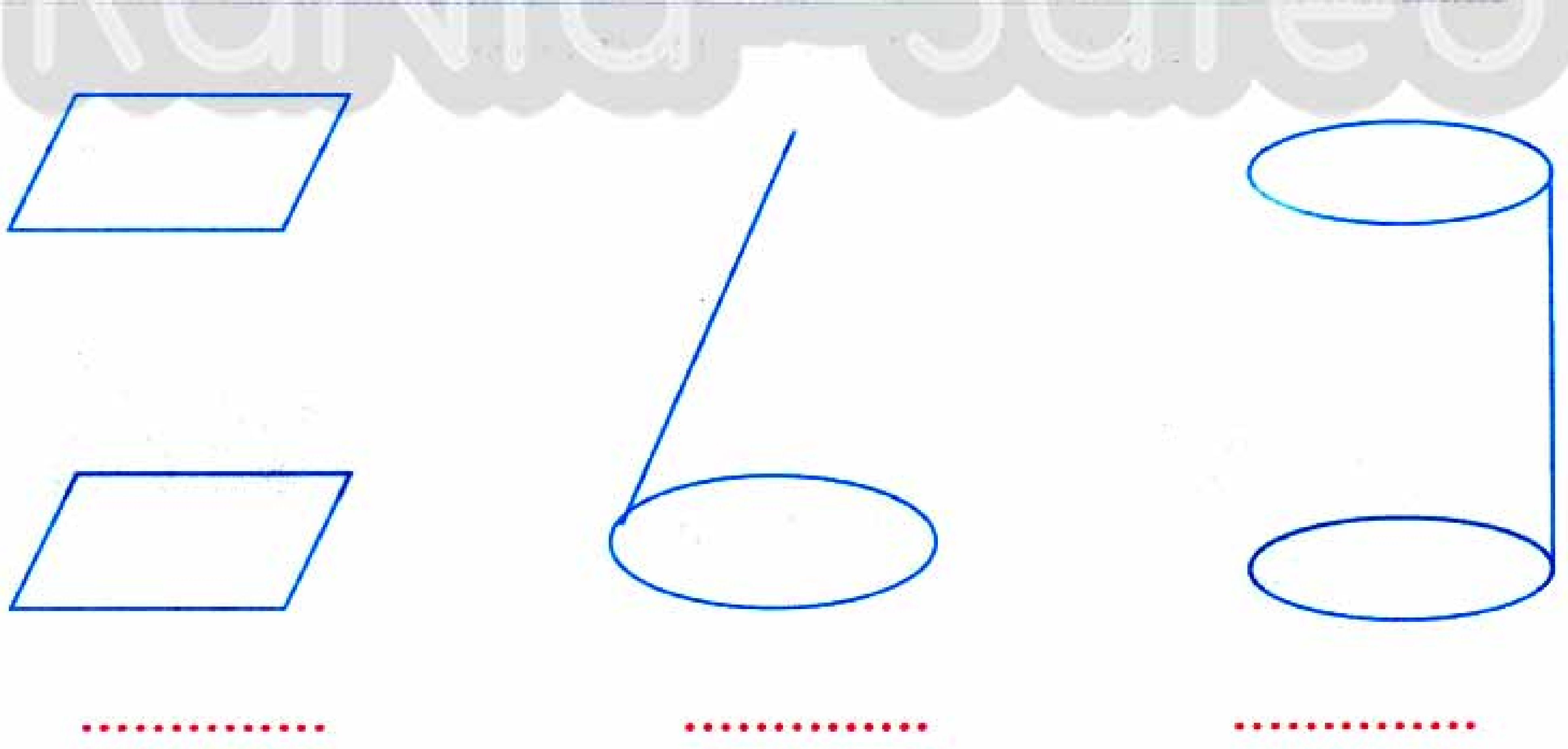
Exercise 1 Join each shape with the solid that can formed from it :

Exercise 2 Join each shape with the solid that can formed from it :

Self - check on lesson (50)

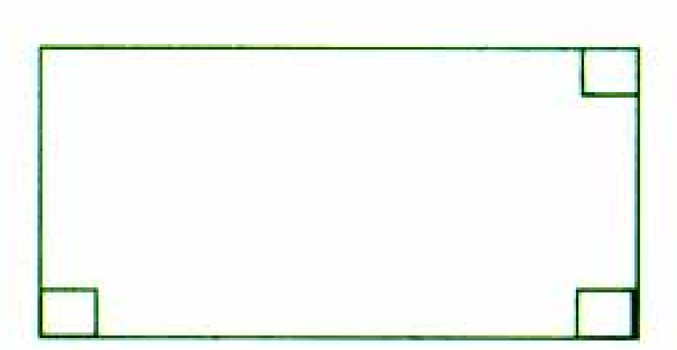
1 Join each solid with it's suitable base :

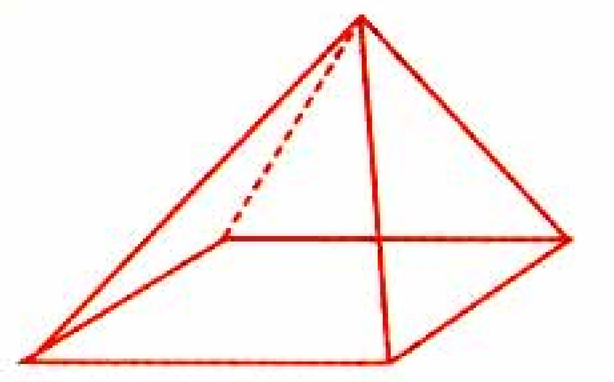
2 Complete drawing the solid and write it's name :

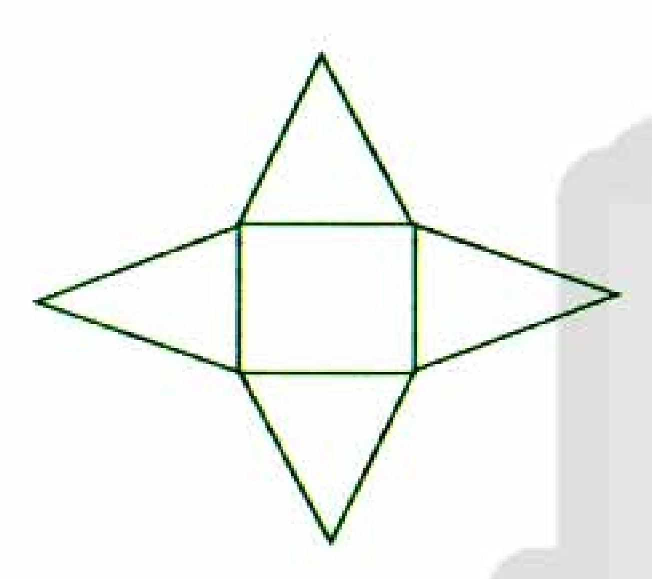


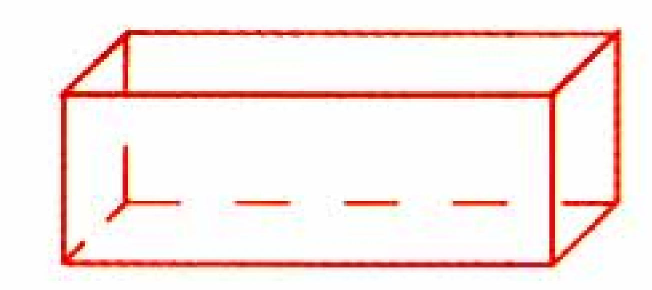
....

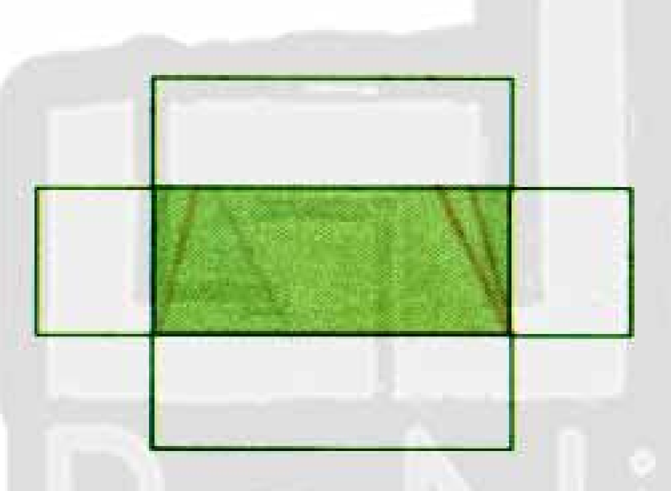
3 Join each shape with the solid which we can form :

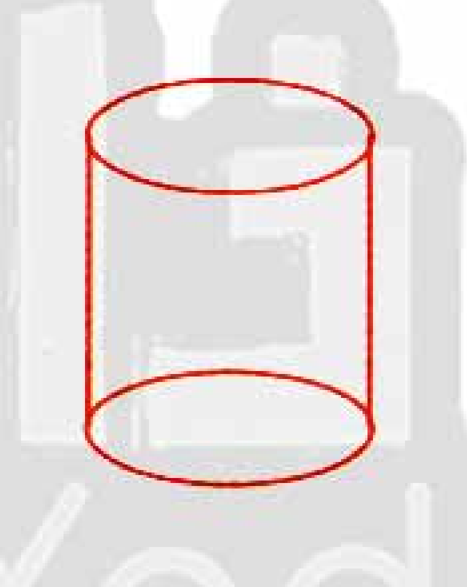




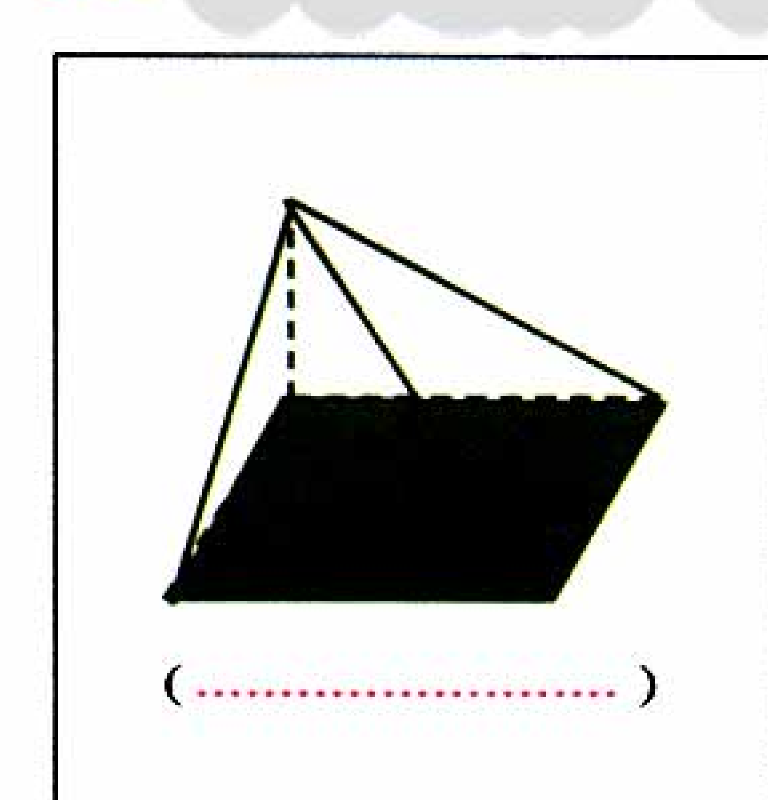
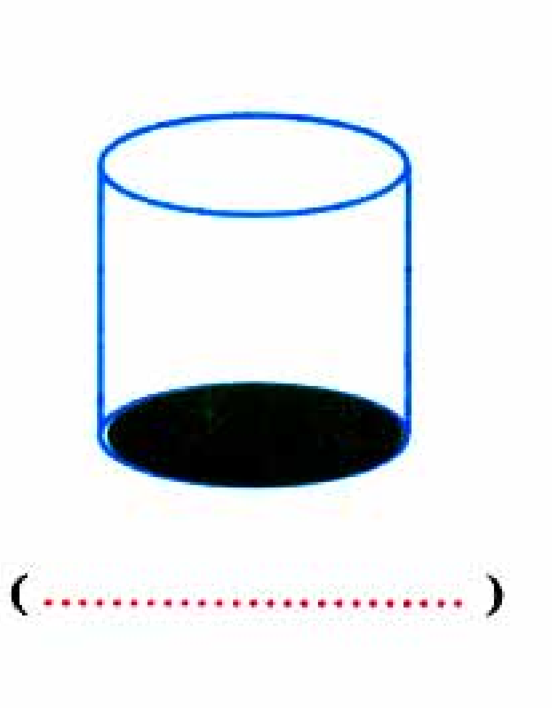
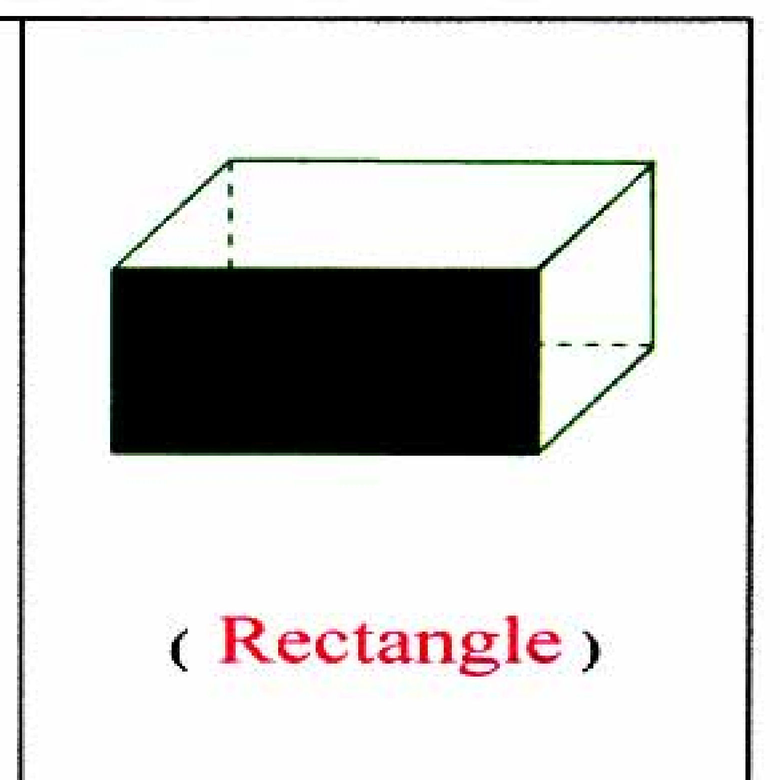






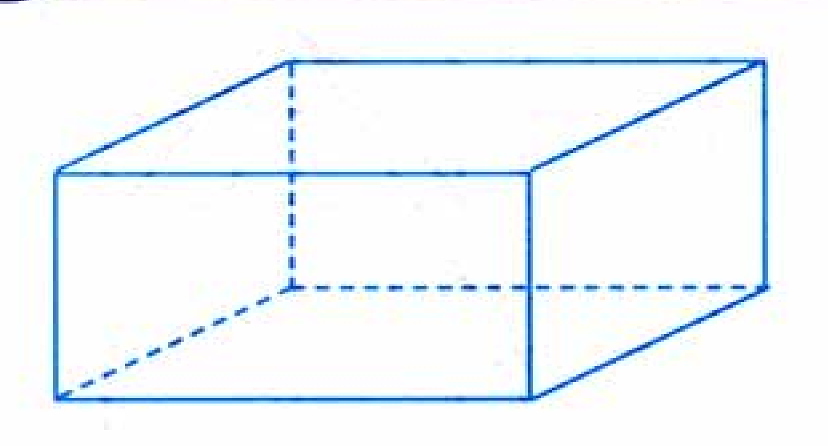
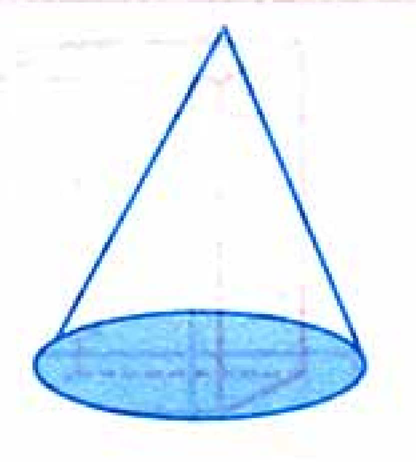
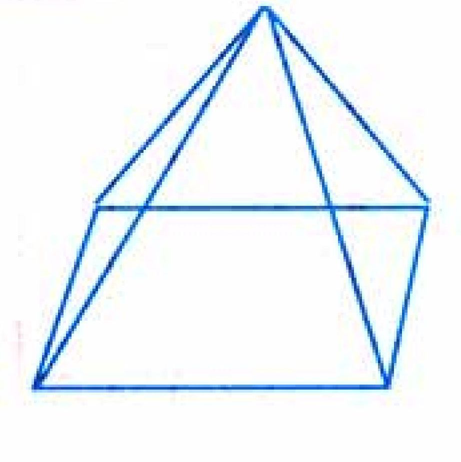


4 Write the name of the colouring base :

 (........................)	 (........................)	 (Rectangle)

Self - check 1 Chapter 5

1 Write the name of the base of each solid :

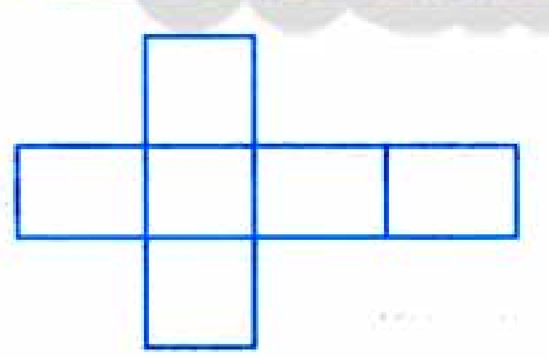
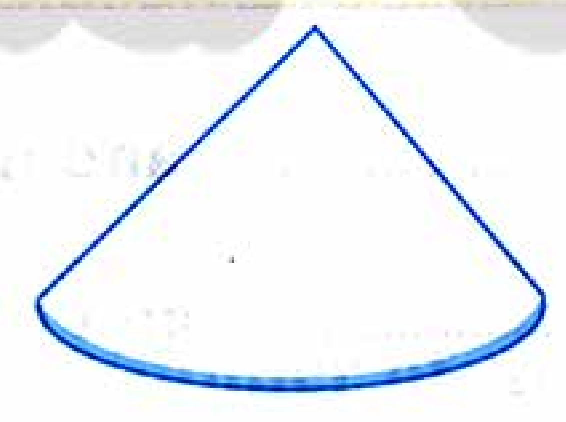
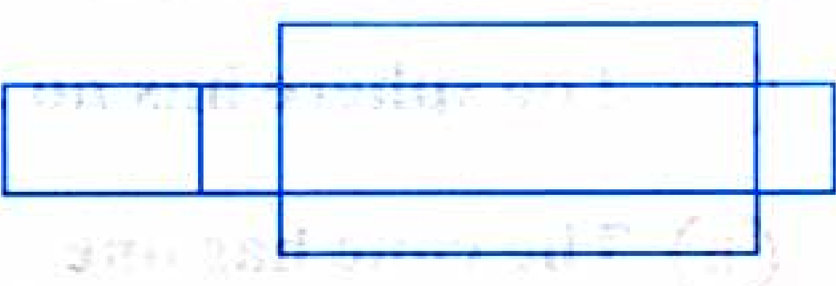




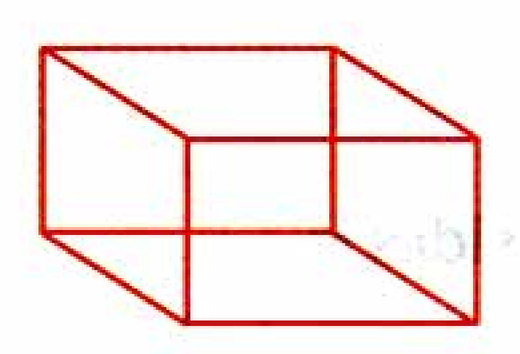
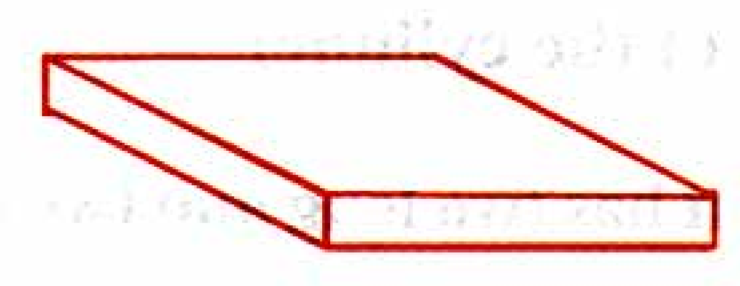
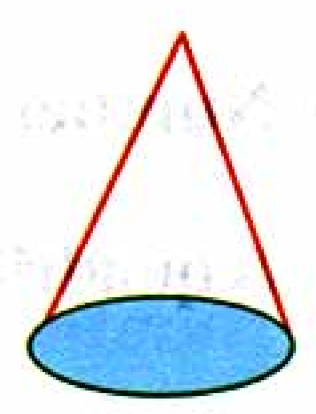
....

2 Complete the following table :

Solid	Cuboid	Pyramid	Cube
Number of faces	....	....	....
Number of edges	....	....	....
Number of vertices	....	....	....

3 Join each shape with the solid can formed from it :

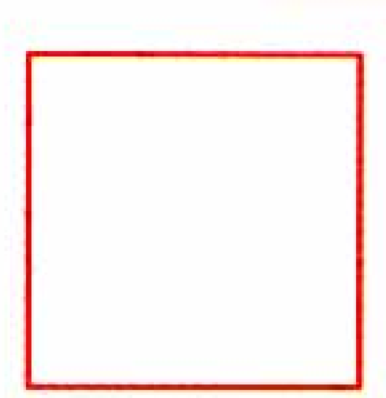
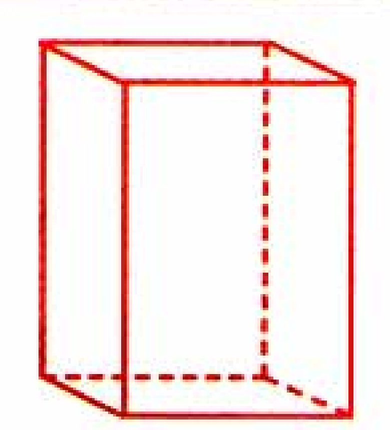
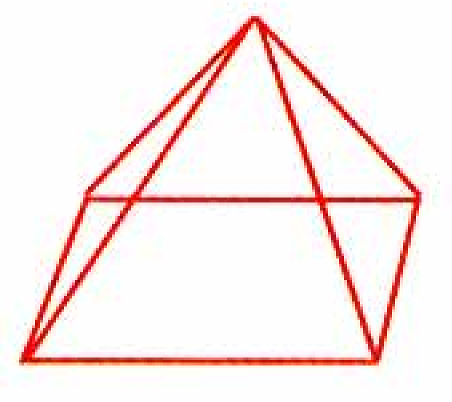






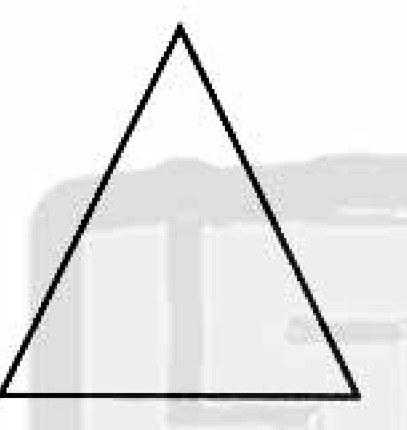
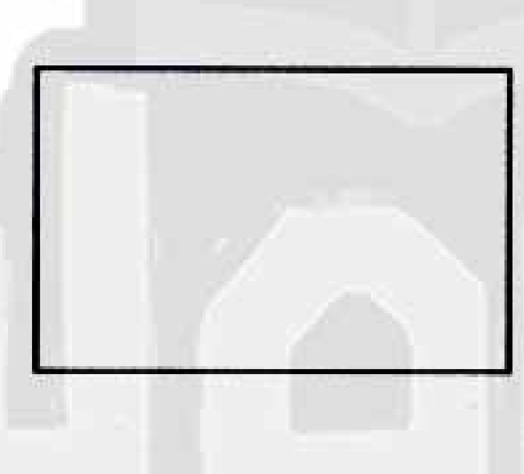
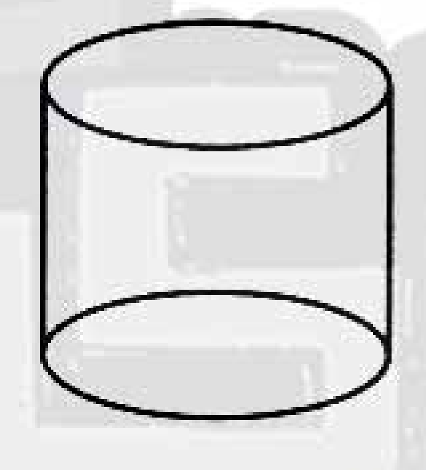
Self - check 2 Chapter 5

1 Write the number of vertices :

....

2 Write the name of the following :


....

3 Complete :

a) **The sphere has no .... and no ....**

b) **The cone has one .... and one ....**

c) **The quadrilateral pyramid has .... bases**

d) **Number of edges of the cylinder = ...**

e) **A quadrilateral that has two long and two short sides is ....**

Self - check 3 Chapter 1,2,3,4,5

1 Find the result :

Tens	Ones
3	7
+ 3	4
....	....

Tens	Ones
3	5
+ 4	6
....	....

Tens	Ones
6	8
− 1	2
....	....

Tens	Ones
5	9
− 4	5
....	....

Tens	Ones
7	7
− 4	3
....	....

2 Answer the following :

Arrange in ascending order : 706 , 460, 670 , 607 , 700

The order : .... , ... , ... , ... , ...

3 Kamel soled 31 notebooks , then soled 13 notebooks . Estimate the number of notebooks :

....

4 Write in digits :

(a) 3 hundred , 6 tens , 5 ones = ...

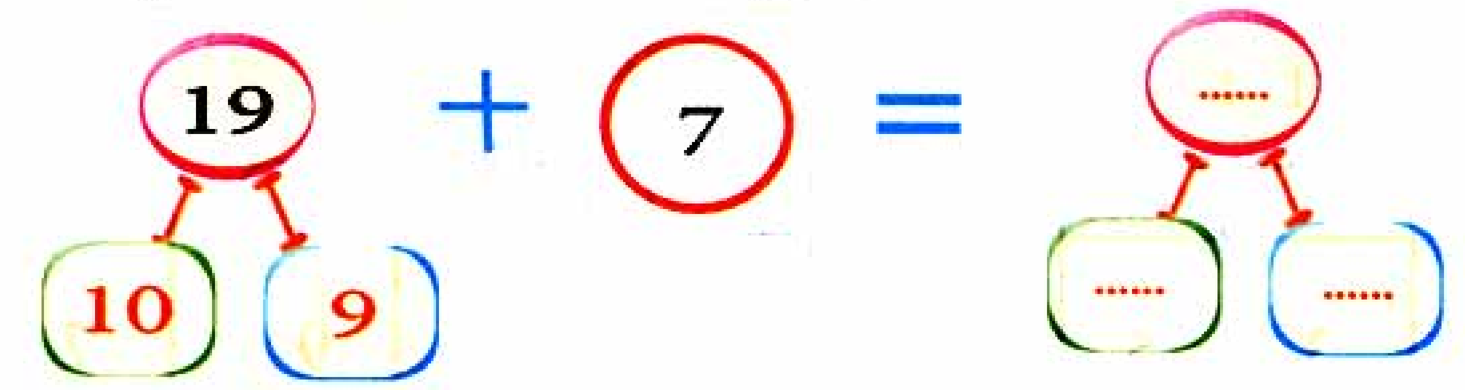
(b) Five hundred and eleven = ...

5 Complete the table :

Polygon	Name	Number of sides	Number of vertices
(square)			
(hexagon)			

BAKKAR **Geometry**

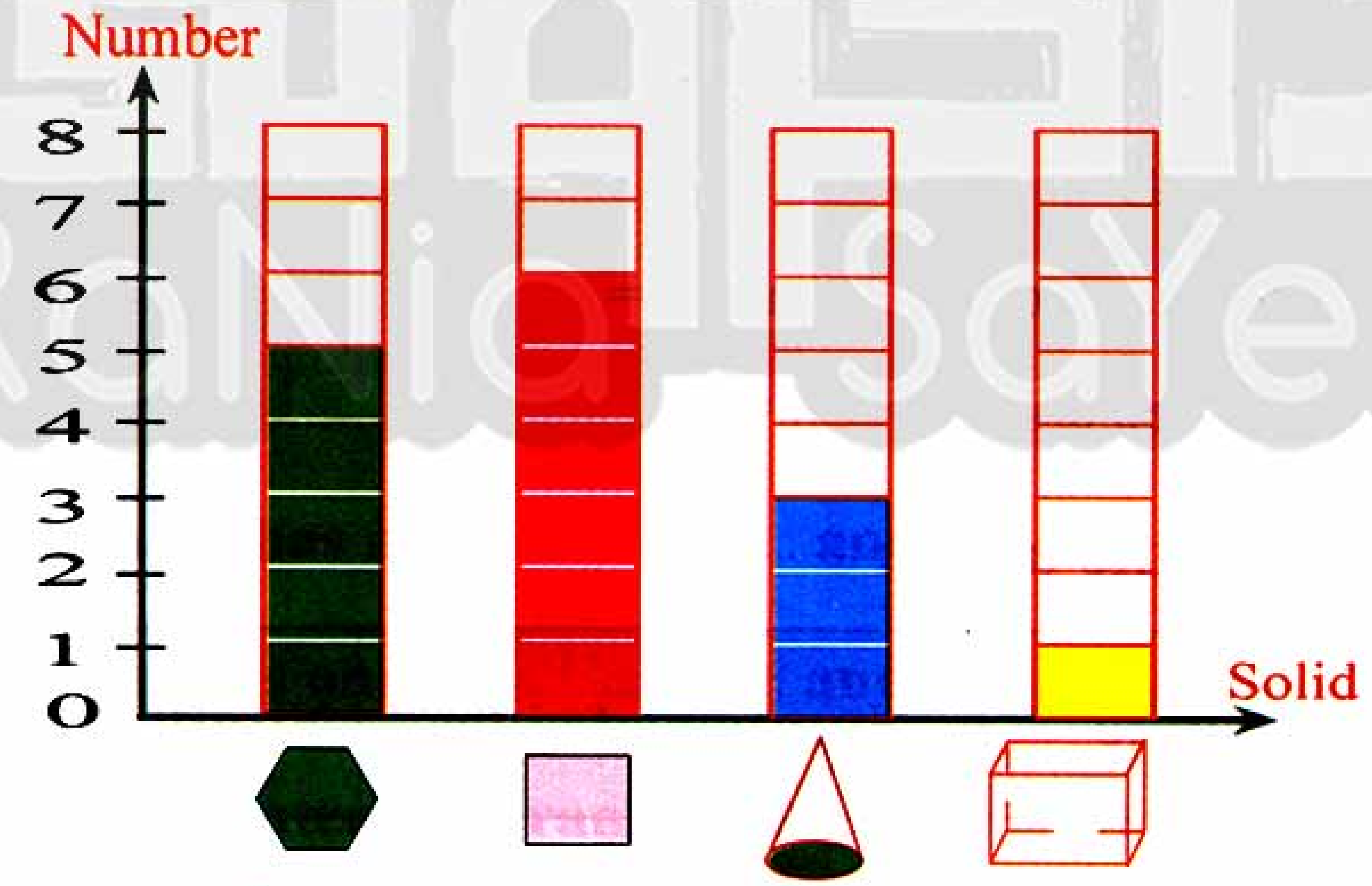
6 Complete the following :



7 Find the length using ruler :



8 From the following graph , complete :



(a) Number of 2 dimensional shapes = ...

(b) Number of squares = ...

(c) Number of solids with circular base = ...





Measuring
Weight - Time

Key Vocabulary

A.M	صباحًا	Mass	كتلة
Analog clock	ساعة عقارب	Midnight	منتصف الليل
Dice	حجر نرد	Minute Hand	عقرب الدقائق
Digital clock	ساعة رقمية	P.M	مساءًا
Gram (gm)	جرام (جم)	Quarter	ربع
Half	نصف	Quarter Hour	ربع ساعة
Heavier	أثقل من	Quarter to	إلا ربع
Heavy	ثقيل	Rocks	صخور
Hour Hand	عقرب الساعات	Spare time	وقت الفراغ
Kilogram (kg)	كيلو جرام (كجم)	Time	الوقت
Kinds	نوع	Weight	وزن
Light	خفيف		
Lighter	أخف من		

Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise insipred by Math Jornal
- Exercise inspired by Discover Book



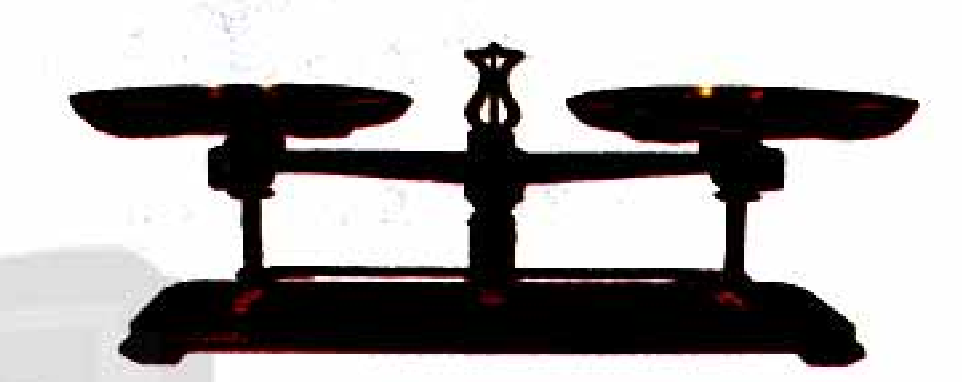
Lesson (51 , 52)

Estimate the weight of things
(Gram - Kilo gram)

Activity 1 Notice the kinds of scales :







Activity 2 Some units for measuring weight (Kilogram and gram) :

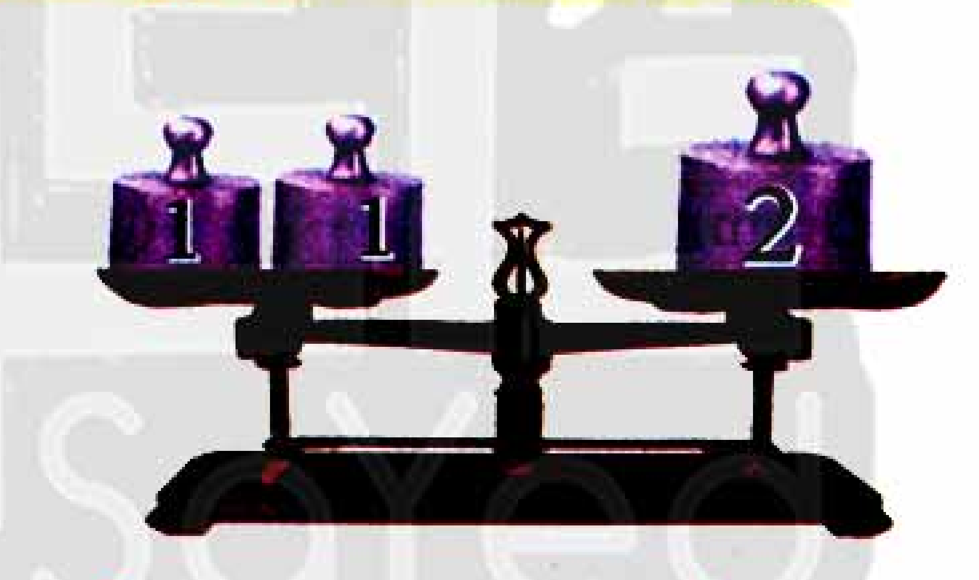
Gram written as gm

Kilogram written as kg



1 Kilogram = 1000 gram

1 Kg = 1000 gm



2 Kilogram → 2 kg

Activity 3 Objects measuring by (gram) as :









Objects measuring by (Kilogram) :









Choose the suitable unit for measuring as Ex :


(Gram - Kilogram) (Gram is circled)


(Gram - Kilogram)


(Gram - Kilogram)


(Gram - Kilo gram)


(Gram - Kilo gram)


(Gram - Kilo gram)


(Kg - gm)


(Kg - gm)


(Kg - gm)

BAKKAR Measuring

Exercise 2 Join with the suitable weight :

10 Kg	5 Kg	30 gram	1 Kg

Exercise 3 Put (√) under the lighter :

a

....

b

....

Exercise 4 Put (√) under the heavier :

a

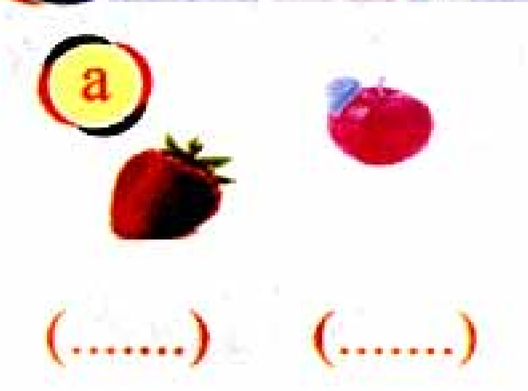
....

b

....

Self - check on lesson (51 , 52)

1 Put (√) under the lighter :

a

(.......) (.......)

b

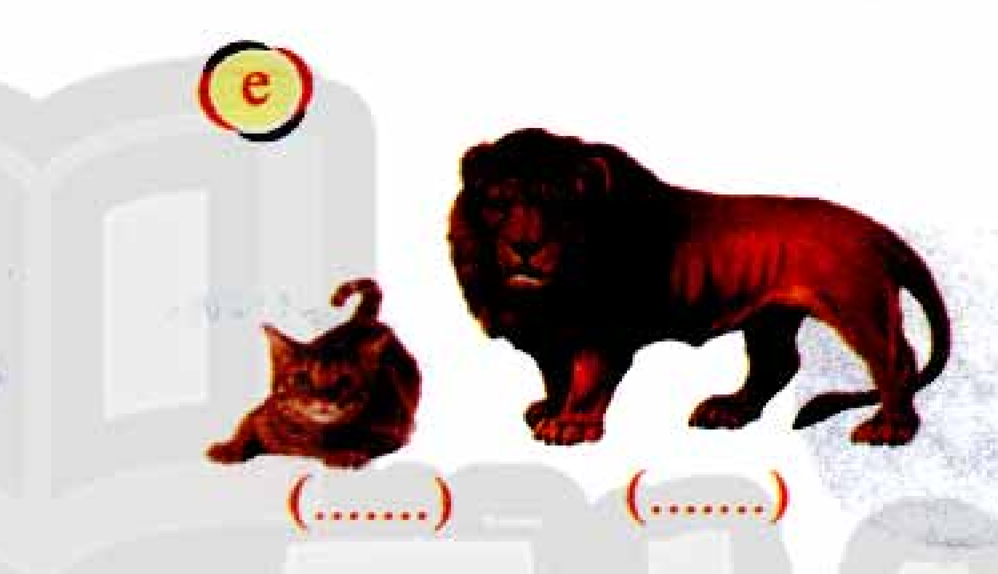
(.......) (.......)

c

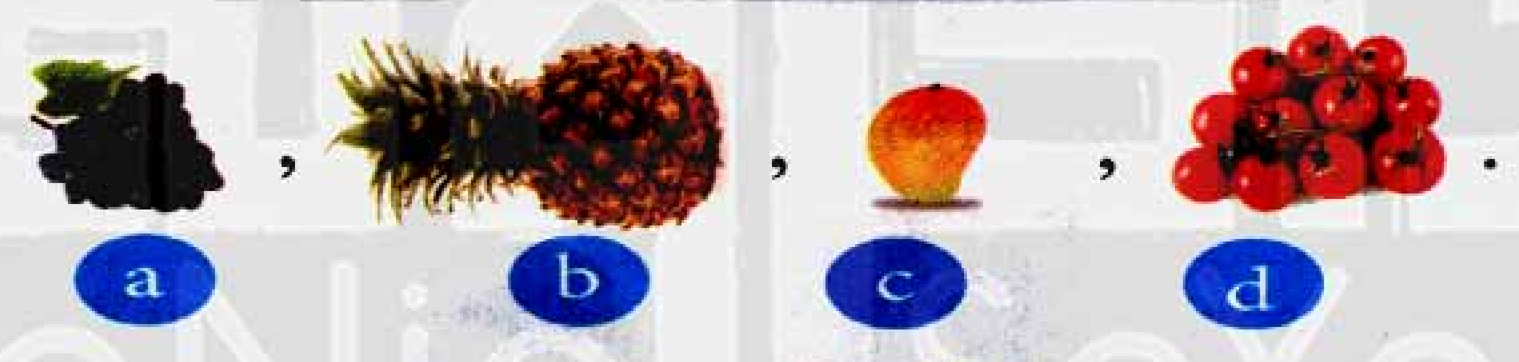
(.......) (.......)

d

(.......) (.......)

e

(.......) (.......)

2 Arrange from the heaviest to the lightest :


a , b , c , d .

The descending order is : .... , d , ... , ...

3 Join each picture to the suitable weight:






10 Kilogram   5 Kilogram   10 gram   1 Kilo gram

BAKKAR **Measuring**

4 Complete by using suitable sign (> , < or =) as Ex :

EX

< ....

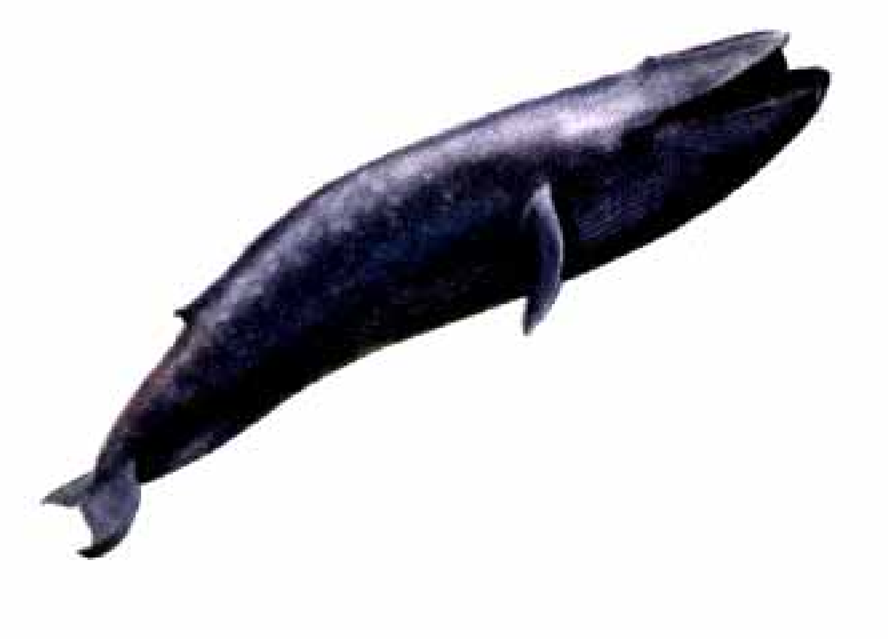
....

....

....

....

....



....



Lesson (53 , 54)

Solving problems on weight

Activity 1 If the weight of one fish 90 grams .
Find the sum of the weight of two fish :



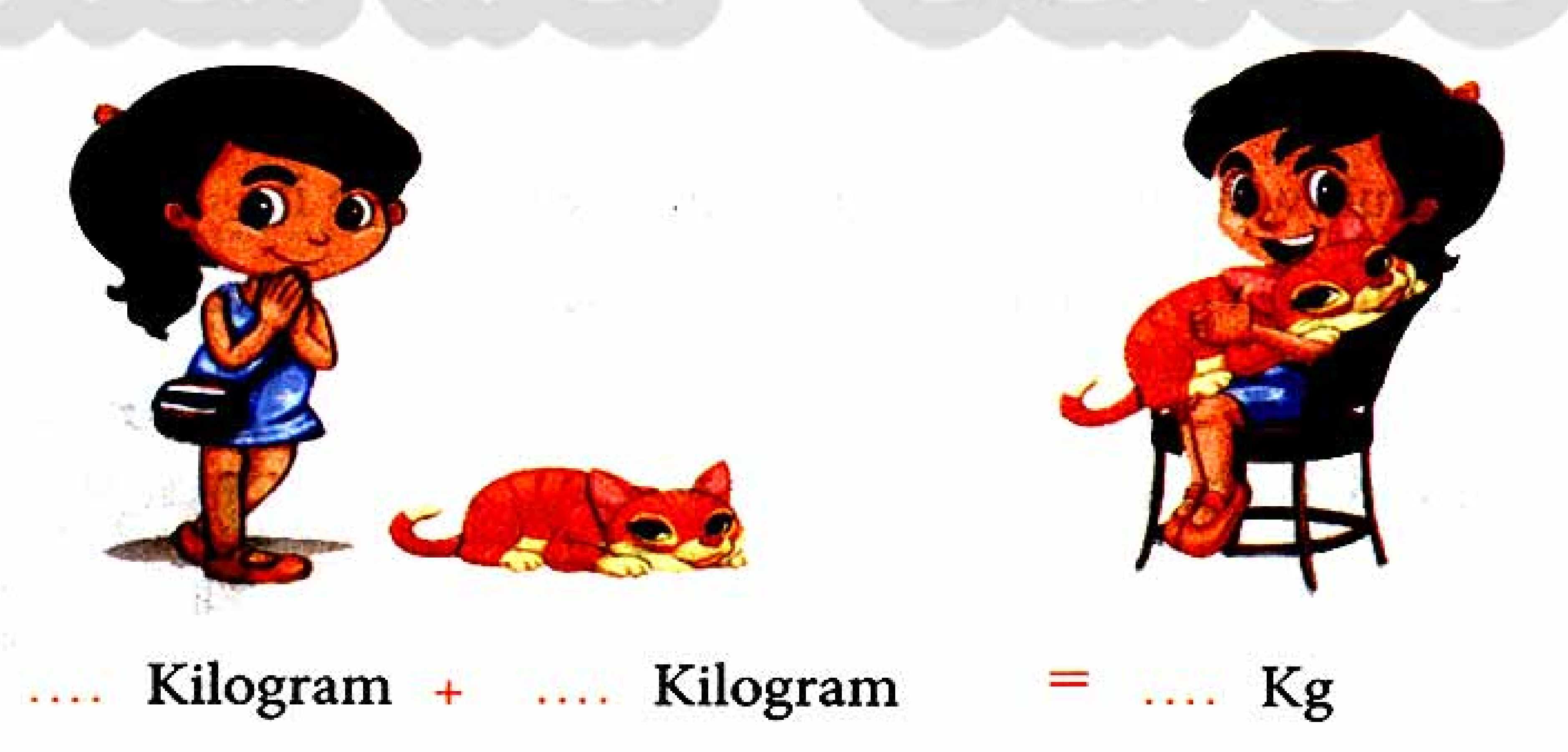
90 gram + 90 gram = 180 gm

Activity 2 Eiad have a dog its weight is 10 kg, a cat its weight 5 kg .
Find the total weight of them :



10 Kilogram + 5 Kilogram = 15 Kilogram

Exercise 1 Yassmin's weight is 30 kg and her cat's weight is 3 kg .
Find the total weight of them together :



.... Kilogram + ... Kilogram = ... Kg

Self - check on lesson (53, 54)



1 Answer the following :

a) Dalia has 19 kg of rocks in her bag , she get 7 kg of rocks .How many kg of rocks with Dalia ?

The weight of rocks = ... + ... = ... kg

b) The weight of ring is 80 gm , the weight of earring is 20 gm . What is the weight of them ?

The weight = ... + ... = ... gm

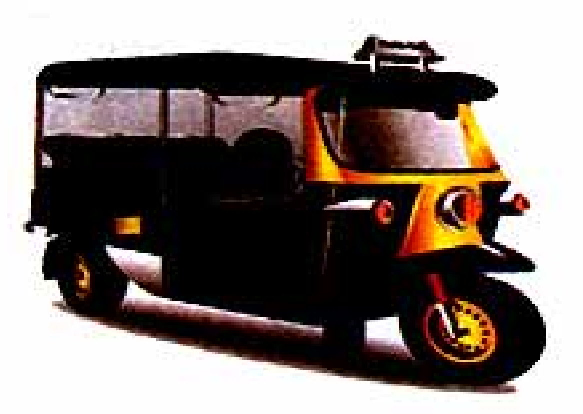
Discover Book

c) My friend bought 3 kg of vegetable , 4 kg of meat , 2 kg of fruit , and 2 kg of milk . Find the weight of all of this .

The total weight = ... + ... + ... + ... = ... kg

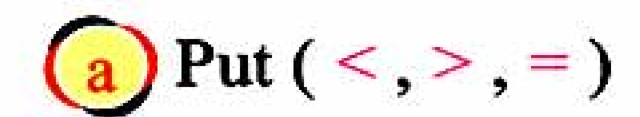
d) Tuk tuk weights 99 kg and the man who drive it weight 80 kg . Find the difference between the two weights .

The difference = ... - .... = ... kg

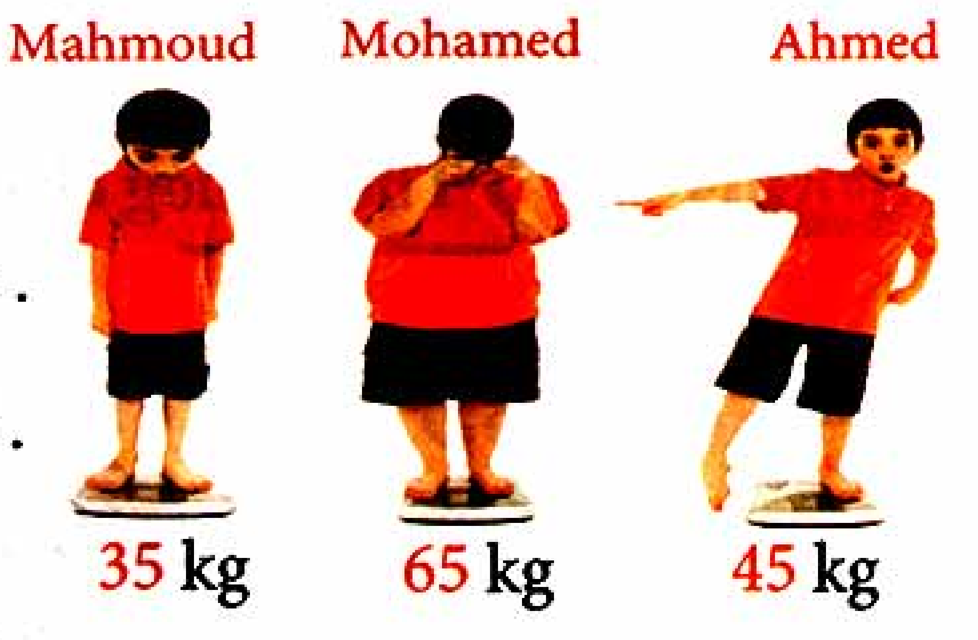




2 Complete :



a) Put (< , > , =)



* Mohamed`s weight ( .... ) Ahmed`s weight .

* Ahmed`s weight ( .... ) Mahmoud`s weight .

b) The sum of Ahmed and Mahmoud`s weight = ... + ... = ... kg

c) The different between Ahmed and Mahmoud`s weights = ... - ...... = ... kg

3 Arrange the weights in an ascending order (From the smallest to the greatest) :

Half kg , 5 kg , 1 kg , 10 kg

The order .... , ... , ..., ...

4 Arrange the weights in a descending order (From the greatest to the smallest) :

2 kg , 100 kg , 1 kg , 10 kg

The descending order .... , ... , ..., ...

5 Complete by suitable sign (> , < , =) :

a) 100 gm (....) 10 kg .

b) 1 kg (....) Half kg .

c) 1000 gm (....) 1 kg .



(55 , 56)

Time

Activity 1 The analog clock :

Notice that :



Hand of hour at 1
Hand of minute at 12

Time : 1 O'clock

(1) The short hand tells us the hour .
(2) The longer hand tell us the minutes .

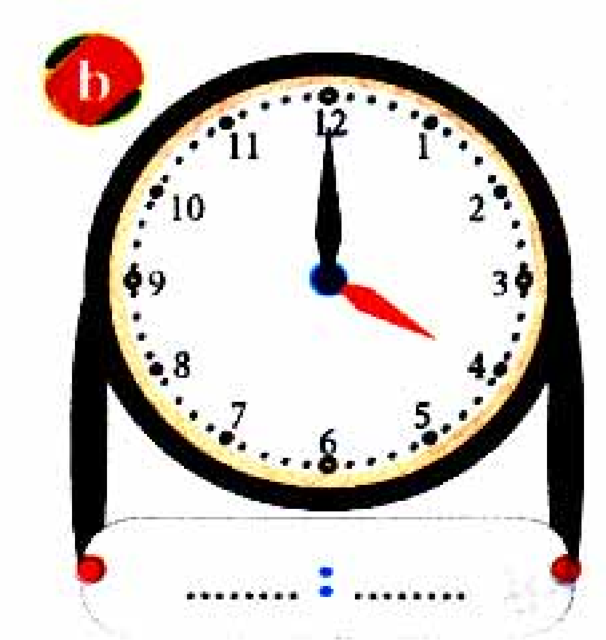


Hour These hands move around the clock as time pass and point different numbers, These numbers tells us the time .

Day The day is broken up into two (12 - hours) parts , the parts have different names AM and PM ,
- (12 - hours) is morning (AM) (12 midnight to 12 noon).
- (12 hours) is afternoon (PM) (12 noon to 12 midnight) .

Exercise 1 Write the time as Ex :

a


b


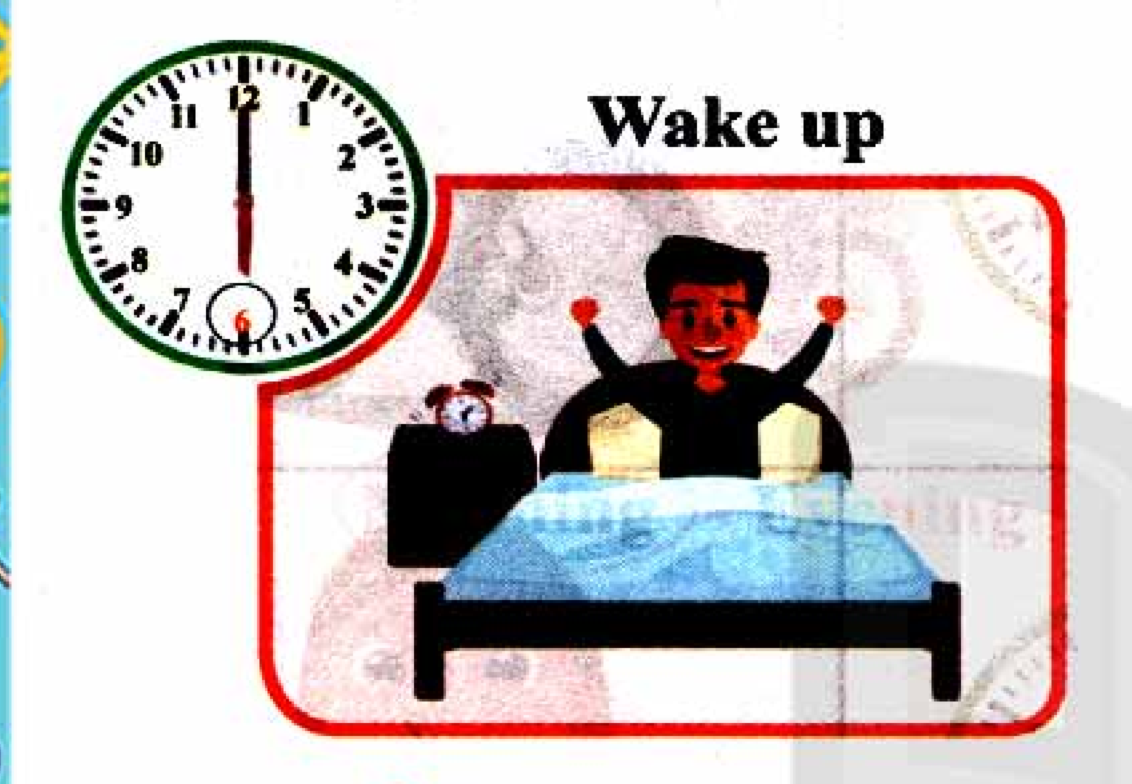
c




The Time activity A.M.- P.M.

Activity 2 Activity in the morning :

Wake up



Go to school



Activity 3 Activity in the evening :

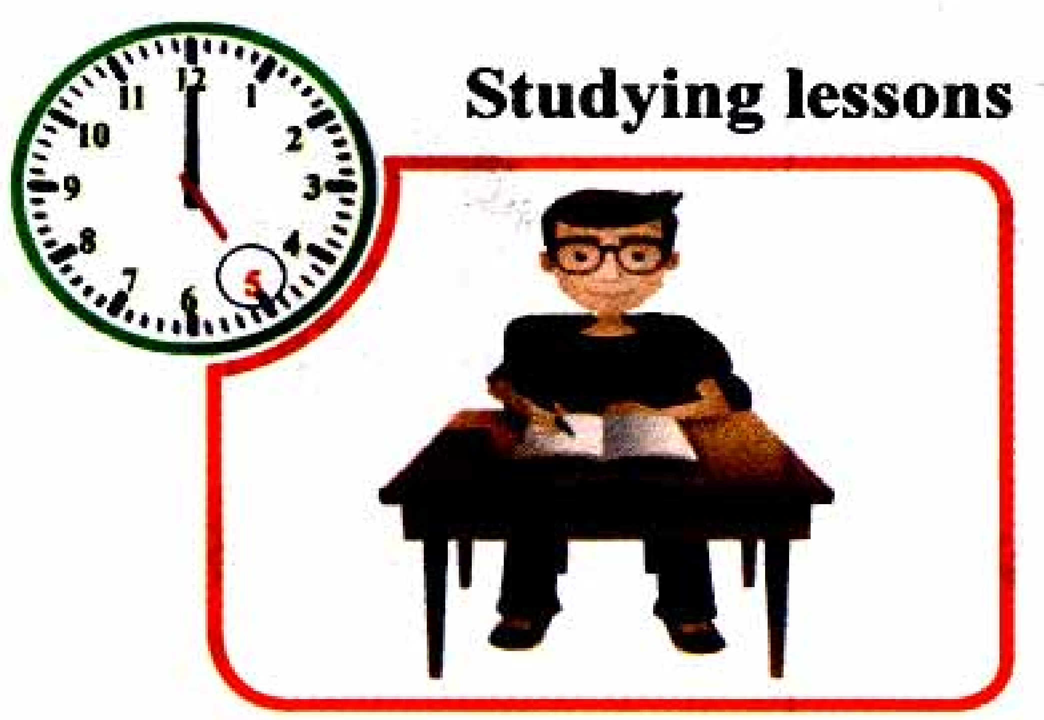
Go to home



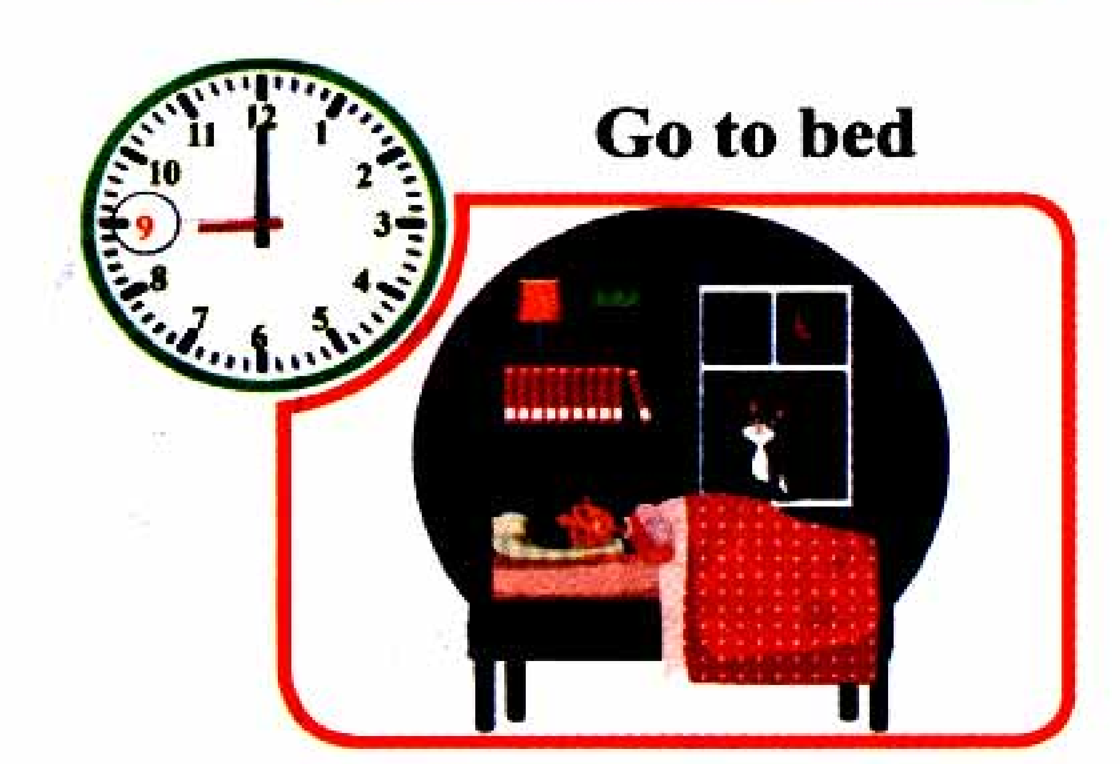
Eat lunch



Studying lessons



Go to bed



BAKKAR Measuring

Exercise 2 Write the time :

Playing at ...... : ...... Evening (P.M)		
I`m eating my breakfast at ...... : ...... Morning (A.M)		
I`m sleeping at ...... : ...... Evening (P.M)		
I`am eating my lunch at ...... : ...... Evening (P.M)		

Self - check on lesson (55 , 56)

1 Choose the suitable as Ex :

EX



Morning (circled) **- Evening**



Morning - Evening



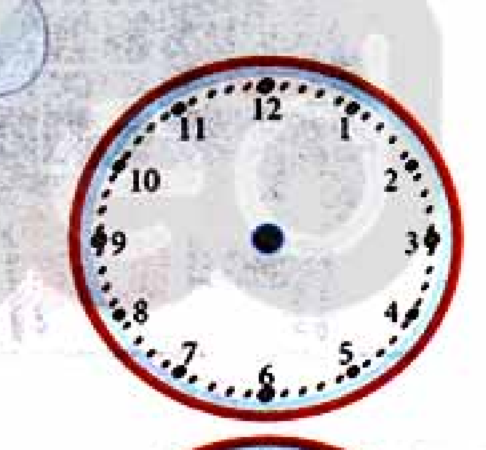
Morning - Evening



Morning - Evening

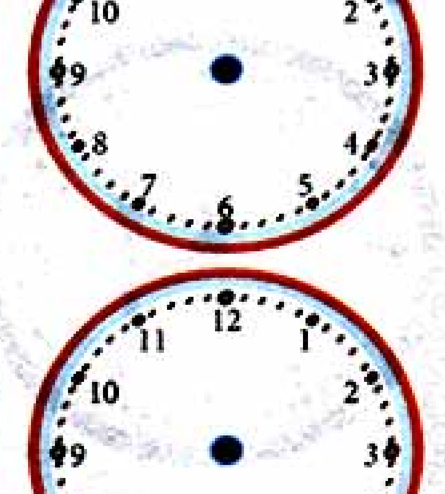
2 Draw the hands according to the time :

a) **I`m eating my dinner at 8 : 00 pm**



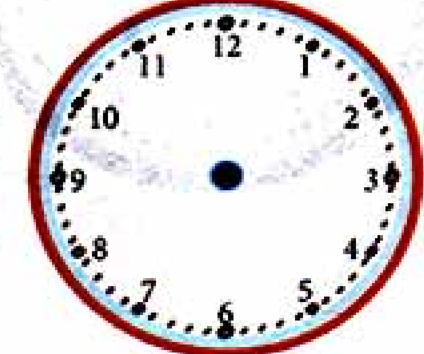


b) **I`m studying my lessons at 5 : 00 pm**





c) **I`m eating my breakfast at 7 : 00 am**



BAKKAR

Measuring

3 Draw the hands according to the time :





5 : 00 | 11 : 00 | 8 : 00

4 Join each activity to the suitable analog clock :

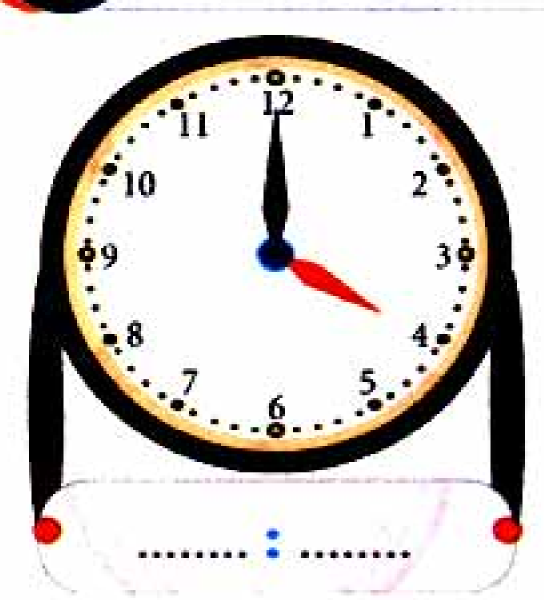
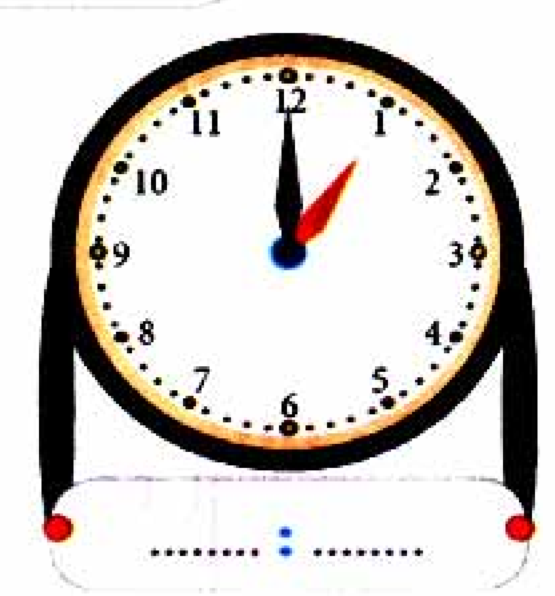
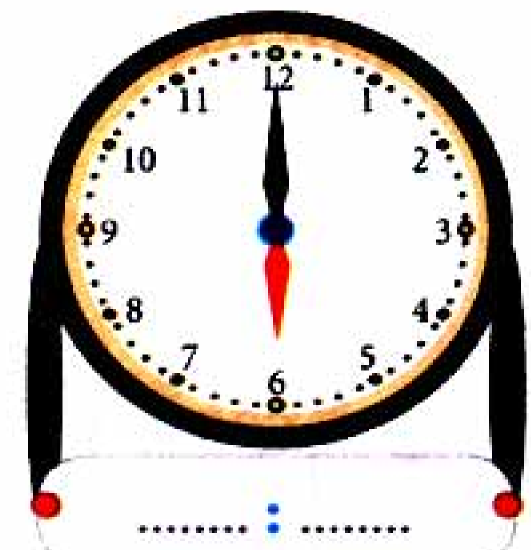
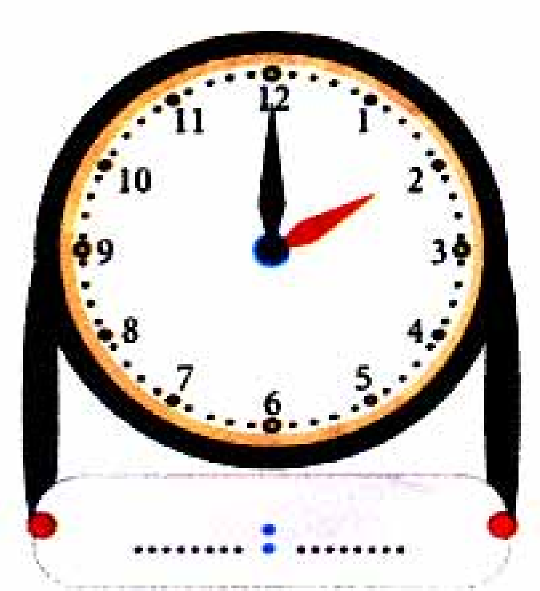








5 Write the time :

.... : .... | .... : .... | .... : .... | .... : ....

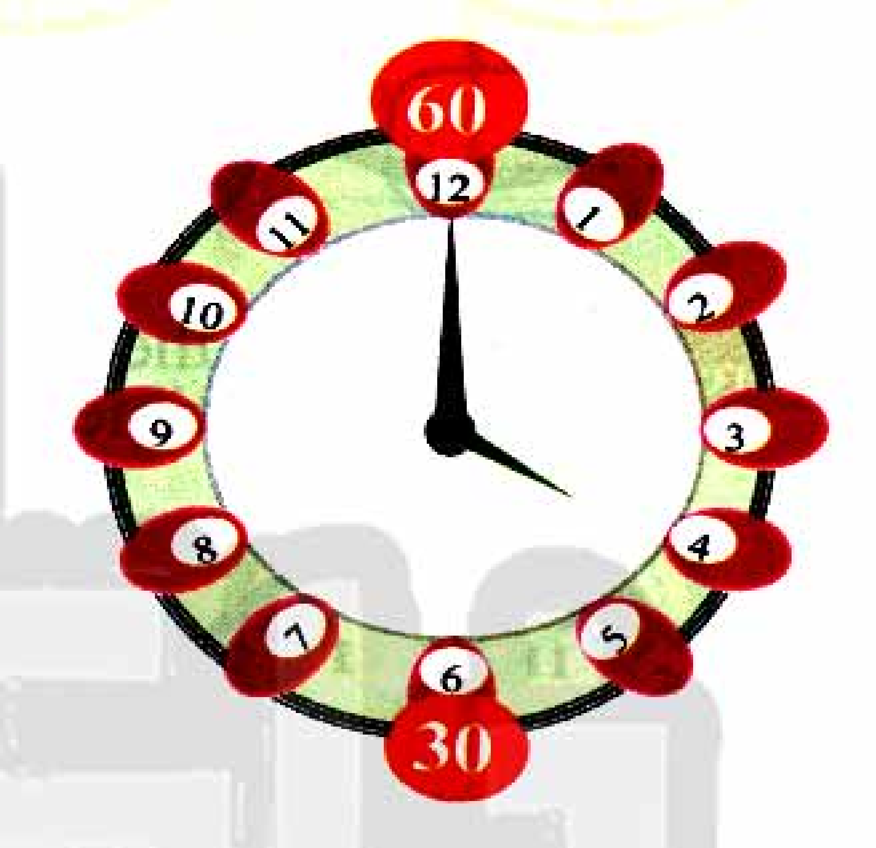
Lesson (57 , 58)

Half of an hour

Activity 1 1 hour = 60 minutes :



When the long hand moves from 12 up to 12 again it means 60 minutes passed .



It`s 4 : 00

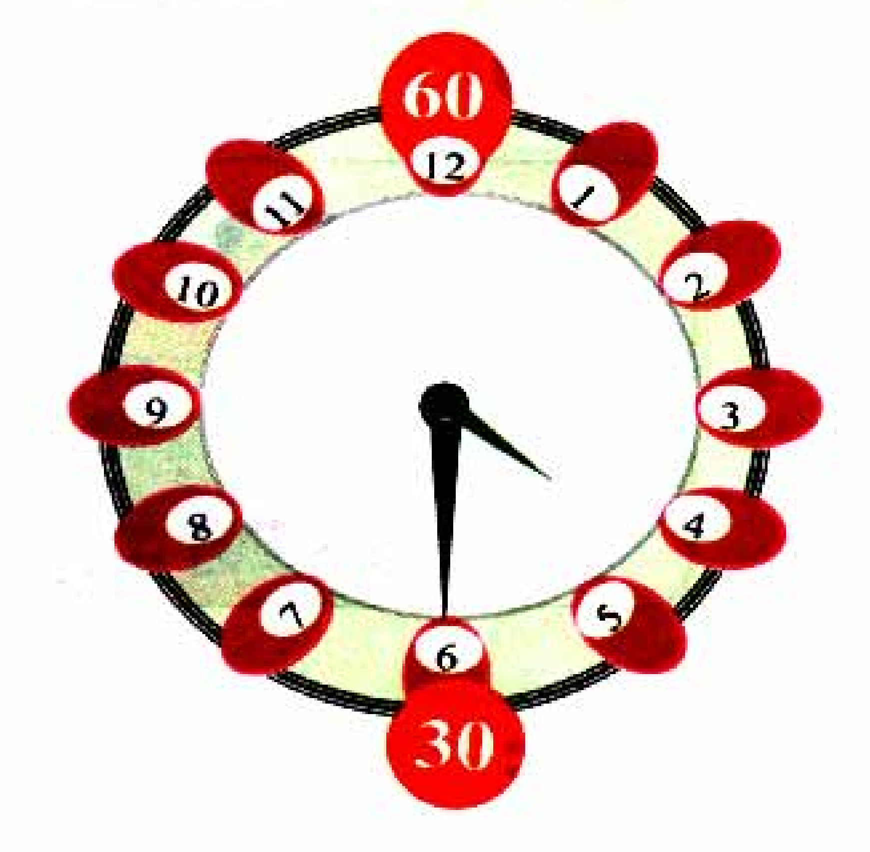
When the short hand point to number 4 and the long hand point to 12

4 :00

Activity 2 1 hour = 60 minutes , Half hour = 30 minutes :

Half hour

When the long hand moves from 12 to 6 this means half hour



It`s 4 : 30

When the short hand between 4 and 5 and the long hand point to 6

4 :30

BAKKAR **Measuring**

Exercise 1 Write the time :






..... : .... : .... : .... : .....

Exercise 2 Draw the long hand and the short hand according to the time :





1 : 30   5 : 30   2 : 30

Exercise 3 Choose the correct time :



4 : 00 , 10 : 30

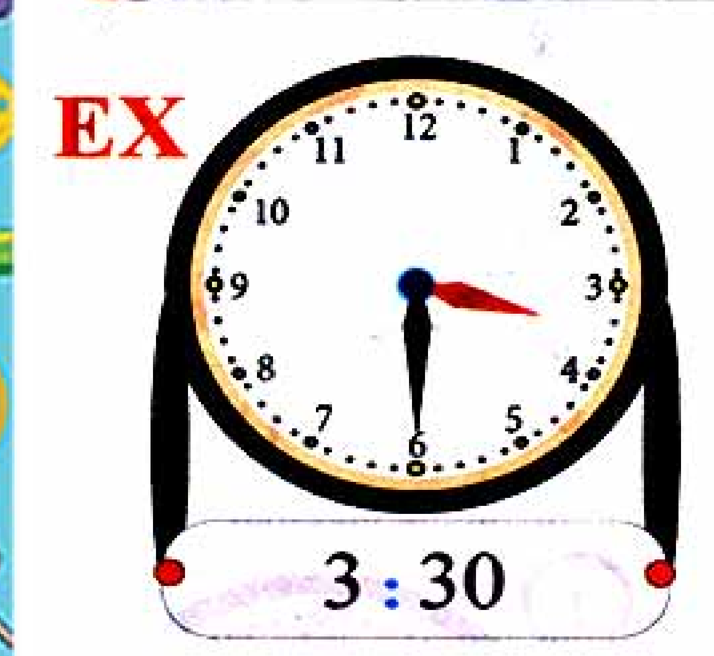


8 : 30 , 5 : 00

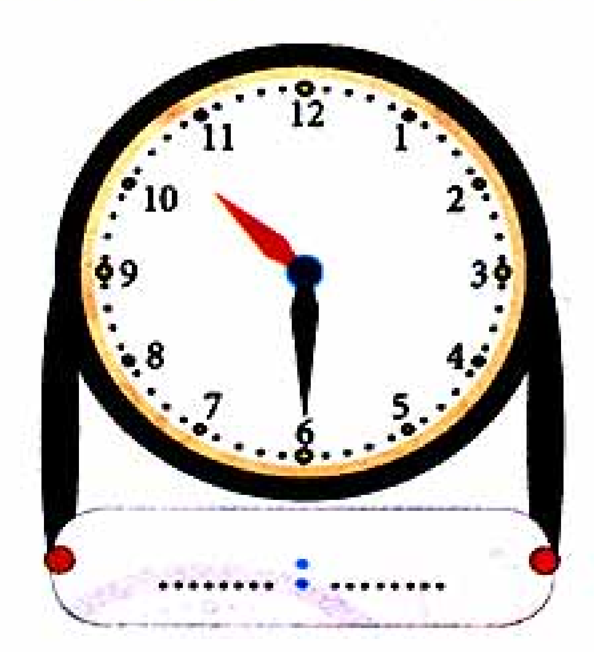
Self - check on lesson (57 , 58)

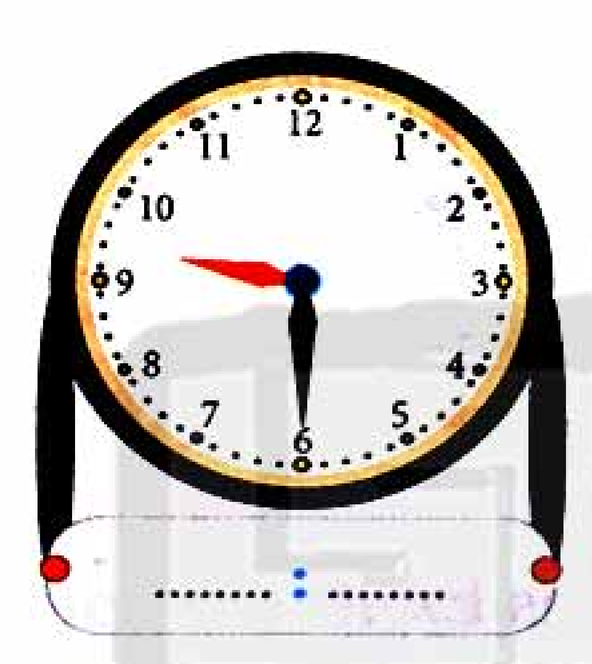
1 Write the time as Ex :

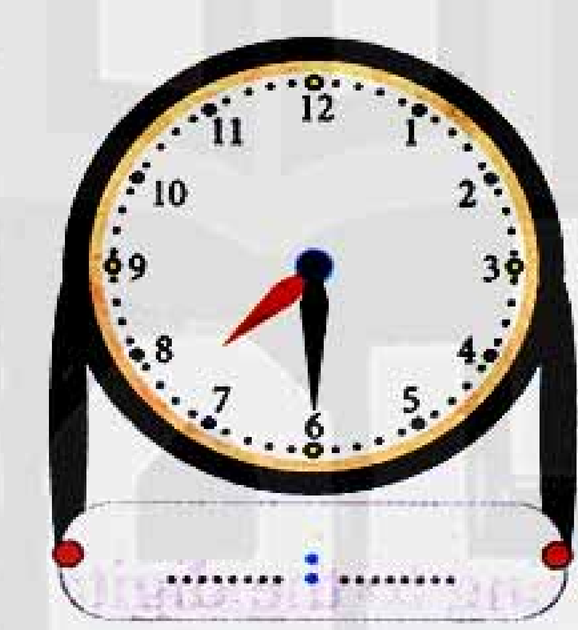
EX

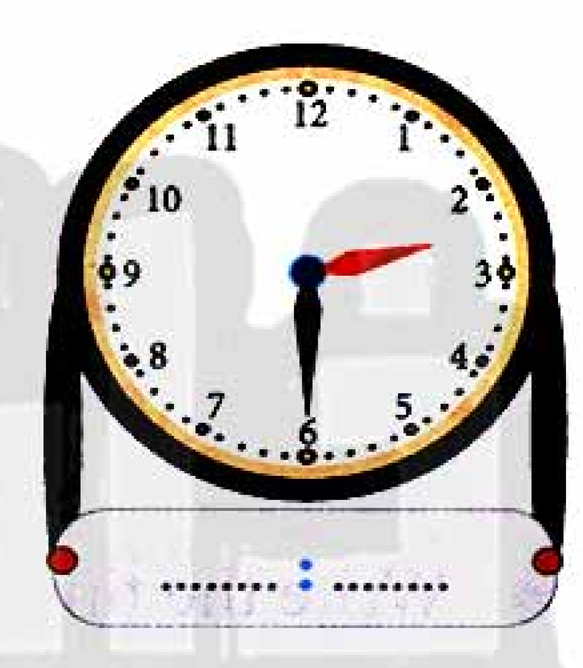












2 Write the suitable time :

a) Ebrahiem attend science lesson at 4 :30

b) Fatma eating lunch at ....

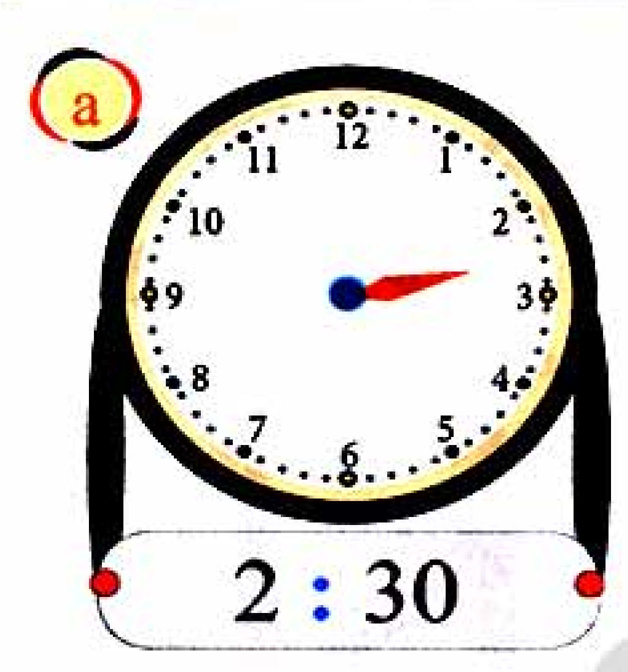
c) The student takes break start from .... to ....

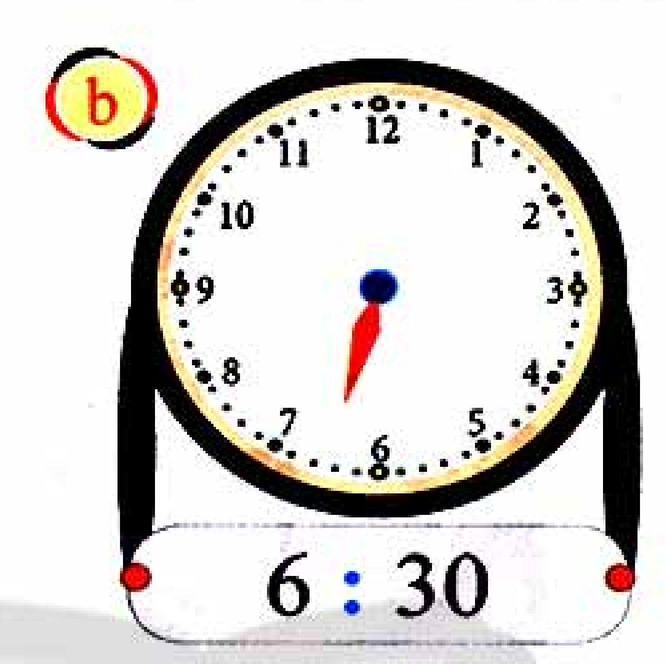
d) Mohamed go to school at .... and return to home at ....

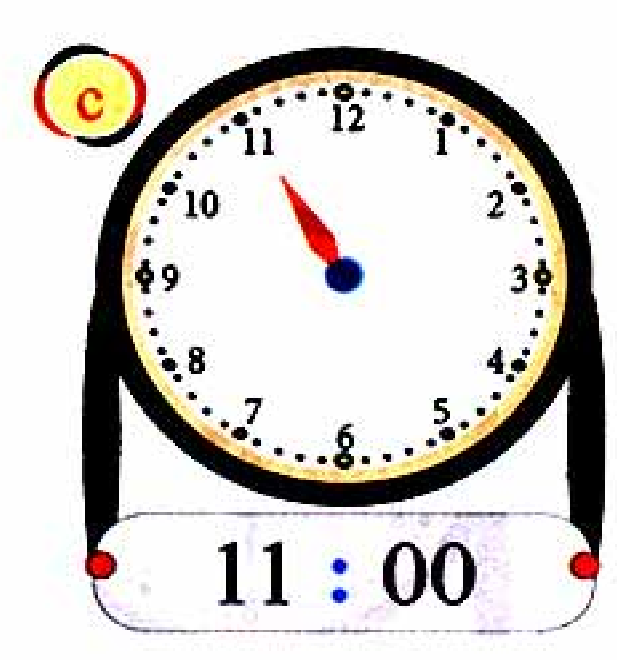
e) Kenzy watched cartoon movies at ....

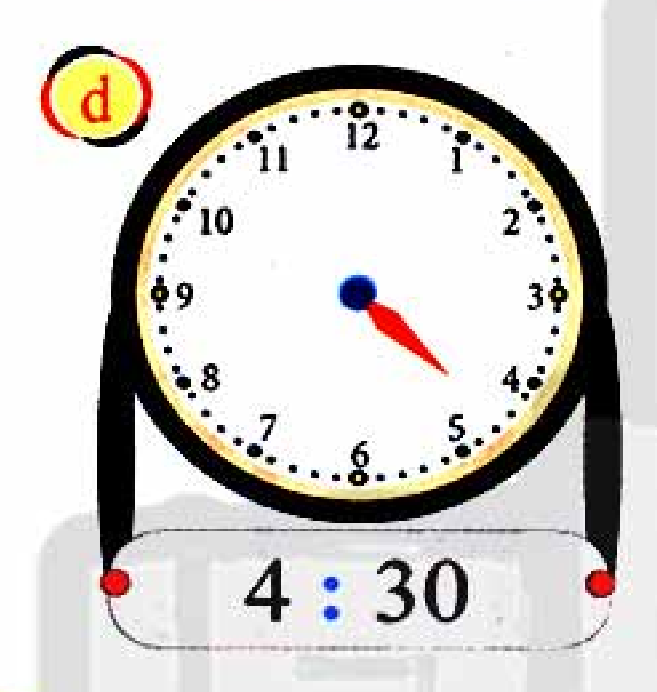
BAKKAR **Measuring**

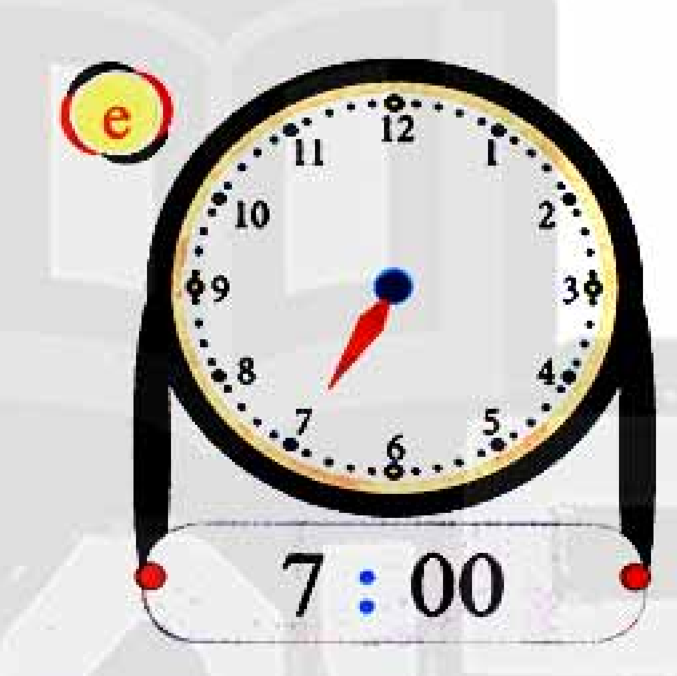
3 Draw the long hand according to the time :

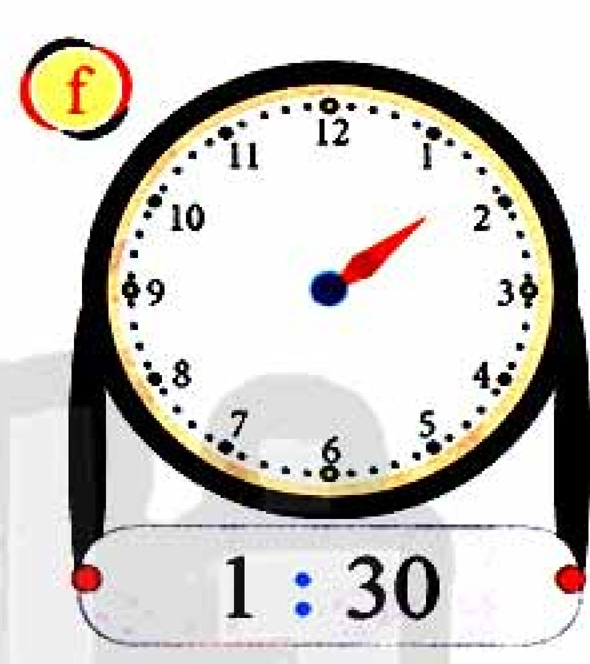
a

2 : 30

b

6 : 30

c

11 : 00

d

4 : 30

e

7 : 00

f

1 : 30

4 Write the time according to the digital clock as Ex :

Ex 2 : 00 — It's 2 o'clock

9 : 30 — It's Half past 9

a) 6 : 00 — It's ....

b) 11 : 30 — It's ....

c) 5 : 00 — It's ....

d) 10 : 30 — It's ....

e) 1 : 00 — It's ....

f) 3 : 30 — It's ....

g) 7 : 00 — It's ....







(59 , 60)

Quarter of an hour

Activity 1 1 hour = 60 minutes , Half hour = 30 minutes :

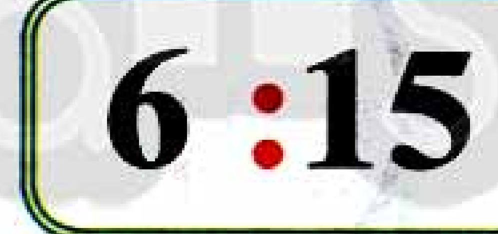





Quarter hour = 15 minutes	Half hour = 30 minutes	Quarter to hour = 45 minutes	1 hour = 60 minutes

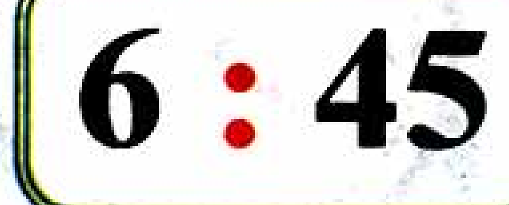
Activity 2 Quarter an hour = 15 minutes :

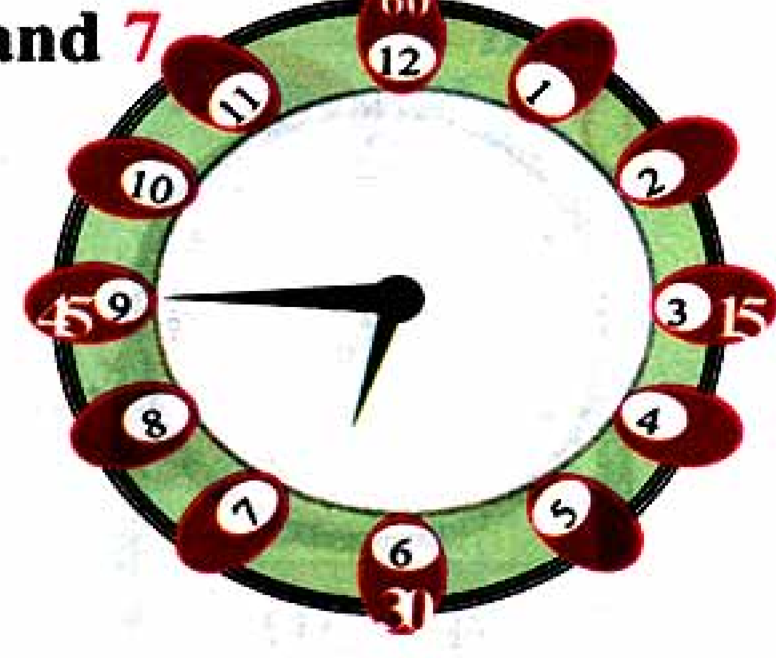
At 6 : 15 ,
When the short hand is pointing to 6 and the long hand is pointing to 3





At 6 : 45 ,
When the short hand is pointing between 6 and 7 and the long hand is pointing to 9





BAKKAR

Measuring

Exercise 1

Write the time as a :

a) 1 : 15

b) .... : ....

c) .... : ....

d) .... : ....

e) .... : ....

f) .... : ....

Exercise 2

Draw the long hand according to the time :

a) 2 : 30

b) 6 : 15

c) 11 : 00

d) 4 : 30

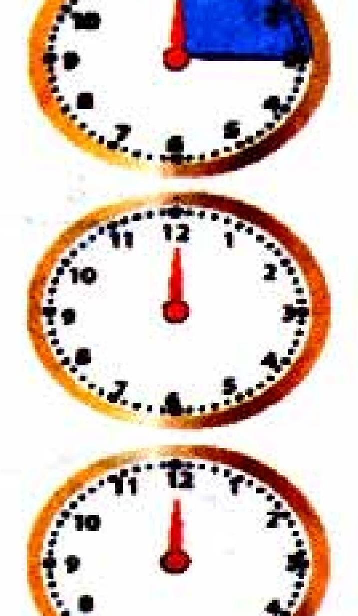
e) 7 : 45

f) 1 : 15

Self - check on lesson (59 , 60)



1 Shad each analog clock as (a) and complete :



(a) Quarter hour = ... minutes

(b) Half hour = ... minutes

(c) Quarter to an hour = ... minutes

2 Using the suitable sign (> , < , =) :

(a) Half hour (........) 15 minutes .

(b) Quarter hour (........) 45 minutes .

(c) 45 minutes (........) quarter to an hour .

(d) 60 minutes (........) Hour .

3 Write the time :

Discover Book

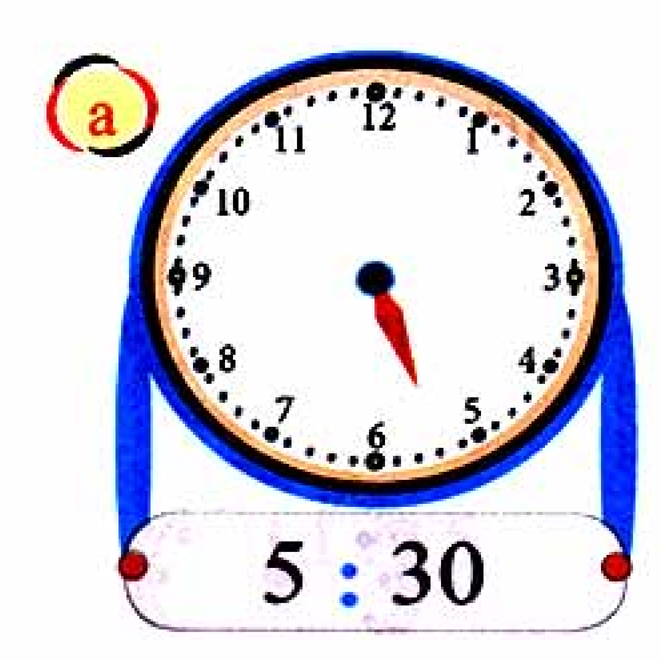


.... : ....

.... : ....

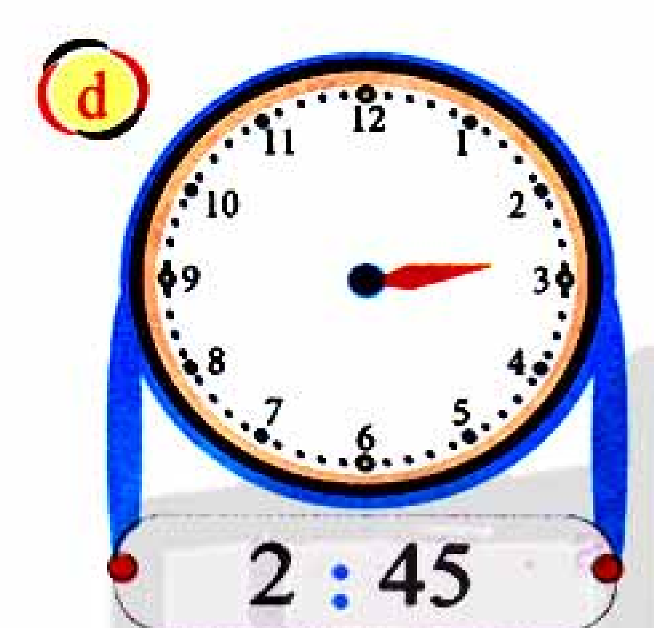
BAKKAR **Measuring**

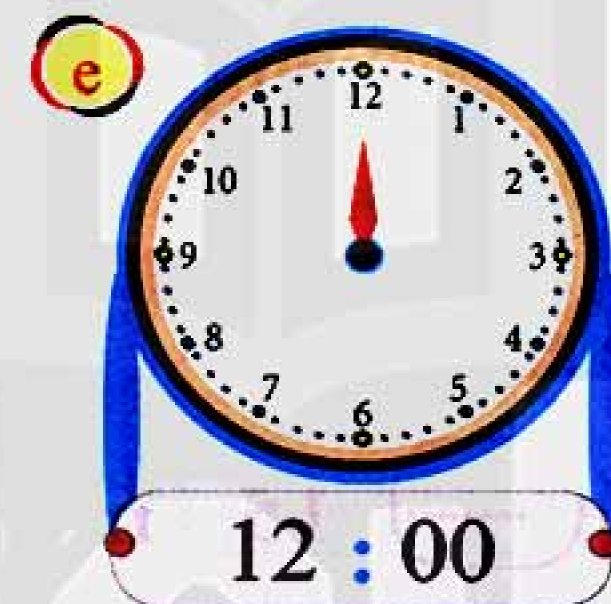
4 Draw the long hand according to the time :

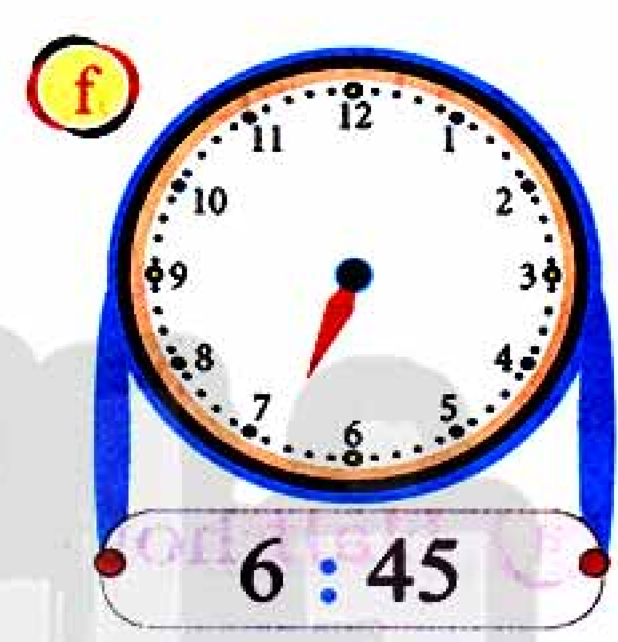
a


b


c


d


e


f


5 Choose the correct answer :

Discover Book

a) The time needed to eat dinner about (**15 minutes , 2 hours , 3 hours**)

b) Travelling time from Cairo to Alex (**30 minutes , 45 minutes , 4 hours**)

c) Studying time daily about (**15 minutes , 30 minutes , 3 hours**)

d) Class time in school about (**2 hours , 15 minutes , 45 minutes**)

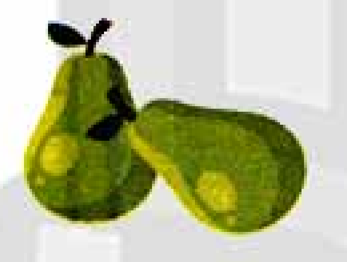
e) Time to walk to school about (**2 hours , 15 minutes , 3 hours**)

Self - check 1 Chapter 6

1 Complete :

a) Quarter hour = ... minutes
b) Half hour = ... minutes
c) 1 Day = ... hour
d) 1 Kilogram = ... gram

2 Join each figure to its suitable weight :



10 Kilogram   5 Kilogram   10 gram   Half Kilogram

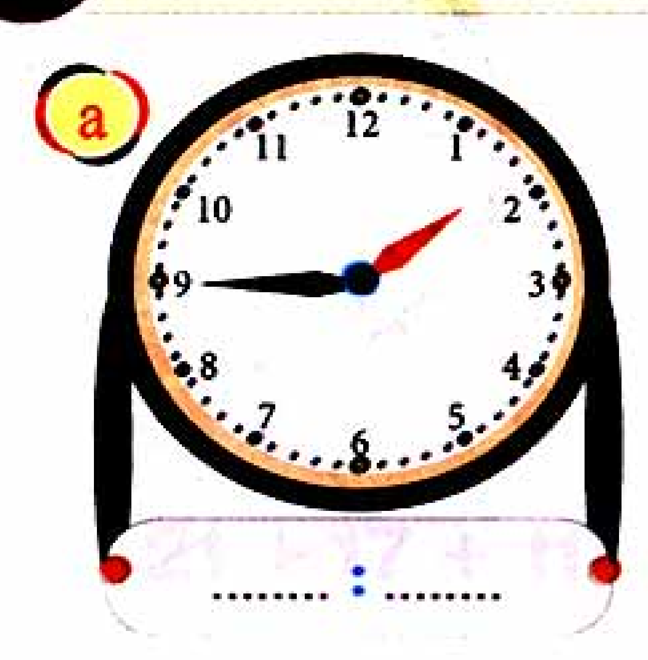
3

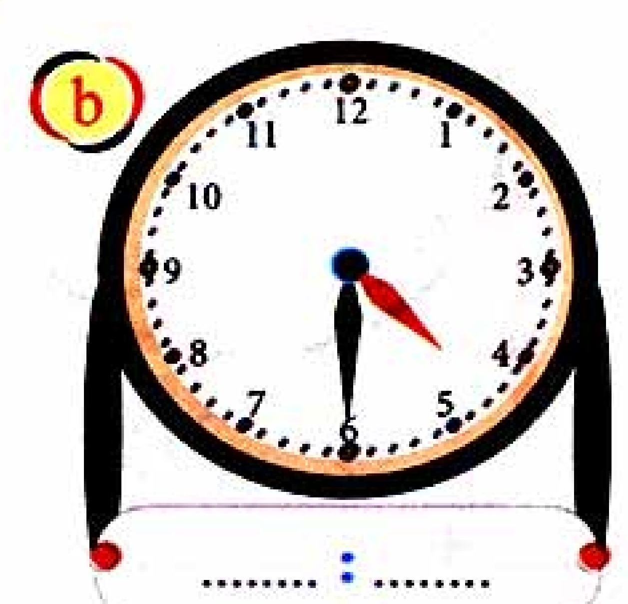
Nour played 30 minutes football match , and she played 15 minutes rope jumping . How many minutes she played ?

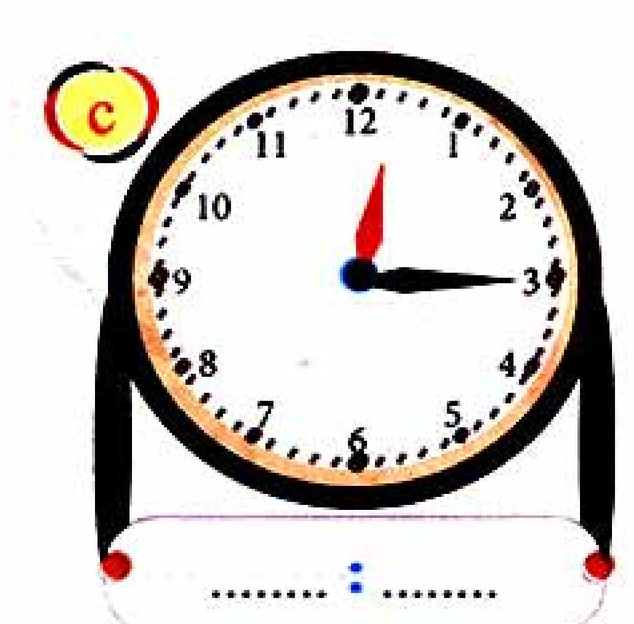
The minutes = ... + ... = ... minutes .

Discover Book

4 Write the time :

a) 
.... : ....

b) 
.... : ....

c) 
.... : ....

Self - check 2 Chapter 6

1. You have 60 minutes spare time , you played 30 minutes . How many minutes remained with you as spare time ?

Spare time = ... - .... = ... minutes .

Discover Book

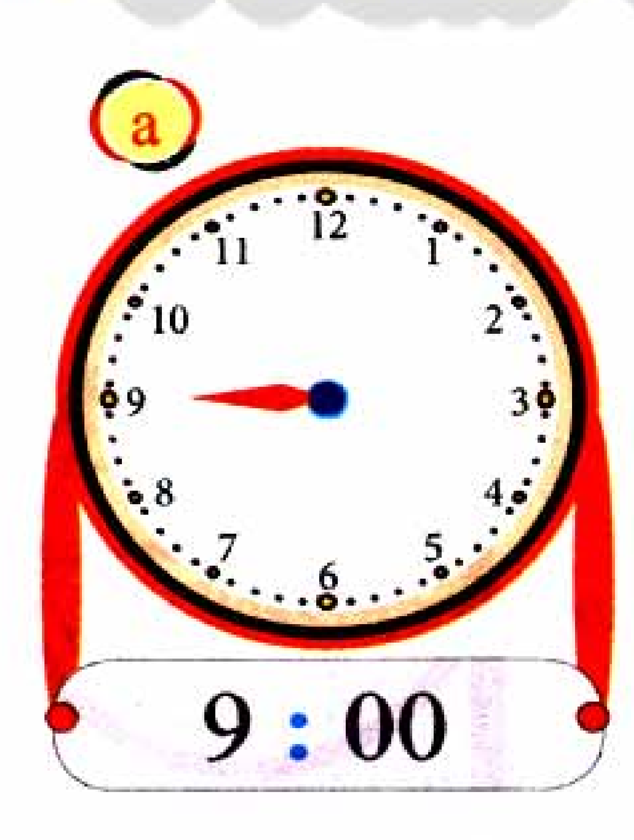
2. Underline the heavier in weight :

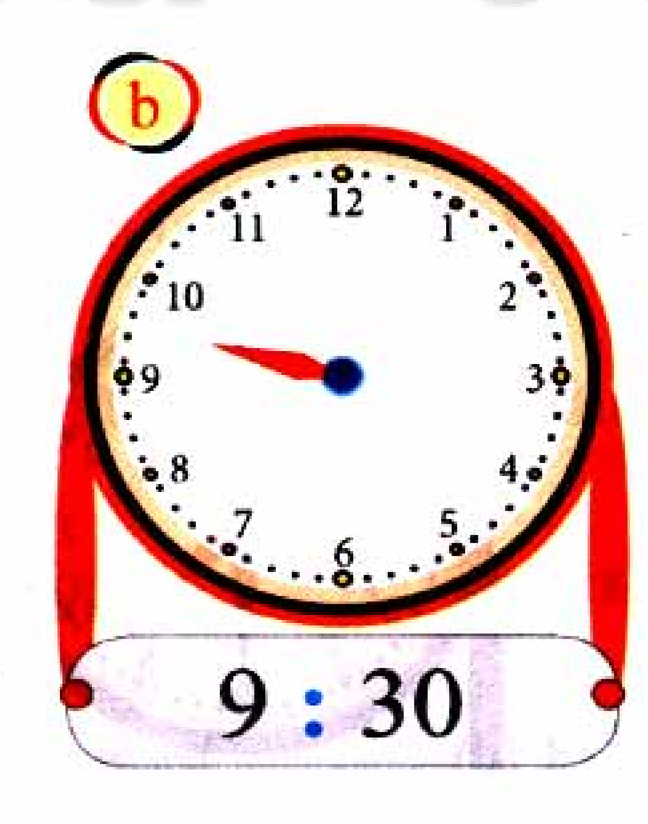


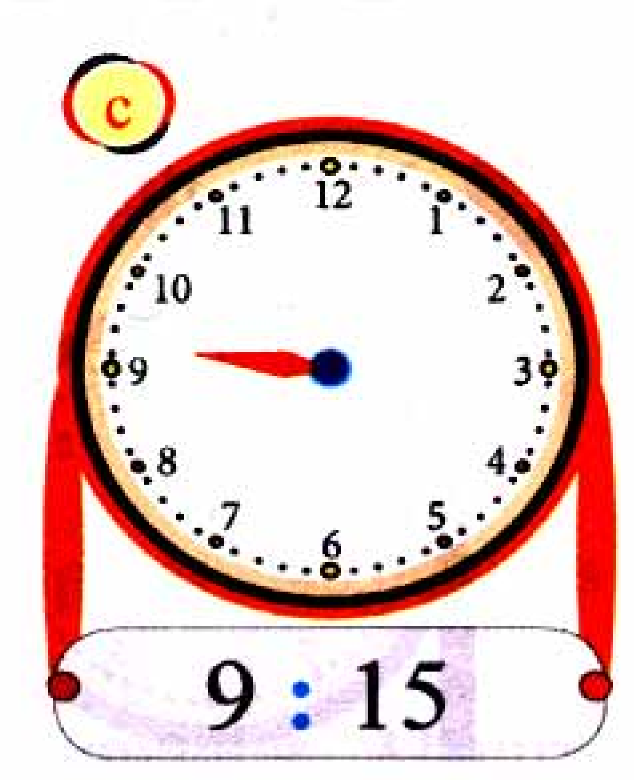




3. Draw the long hand :

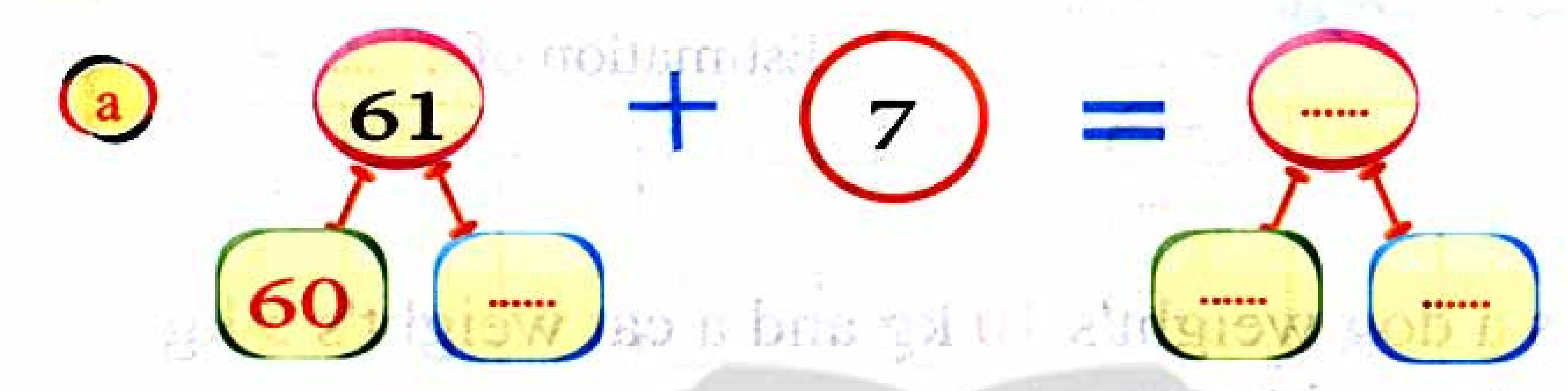
a


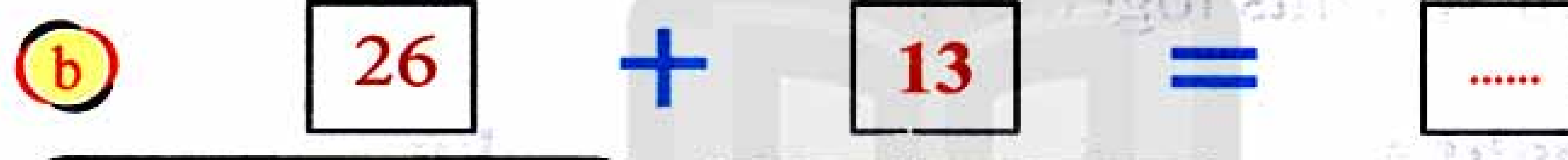
b


c


Self - check 3 Chapters 1,2,3,4,5,6

1 Answer the following :





Tens	Ones

Tens	Ones

Tens	Ones

2 From the chart , find the value :

a) 6 + 2 = ...

b) 16 - 2 = ...

c) 26 + 10 = ...

31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

3 Complete the following :

a) 5 hundred , 6 tens , 7 ones = ... (in digit)

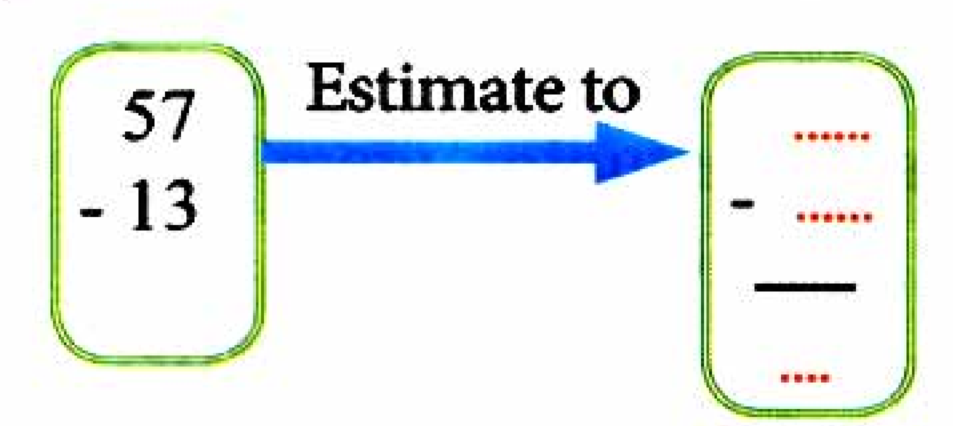
b) 139 = ... + ... + ... (Expand form)

c) Half hour = ... minutes .

d) 21 + 17 + 11 + 39 = ... + ... = ...

BAKKAR Measuring

4 Estimate to find :

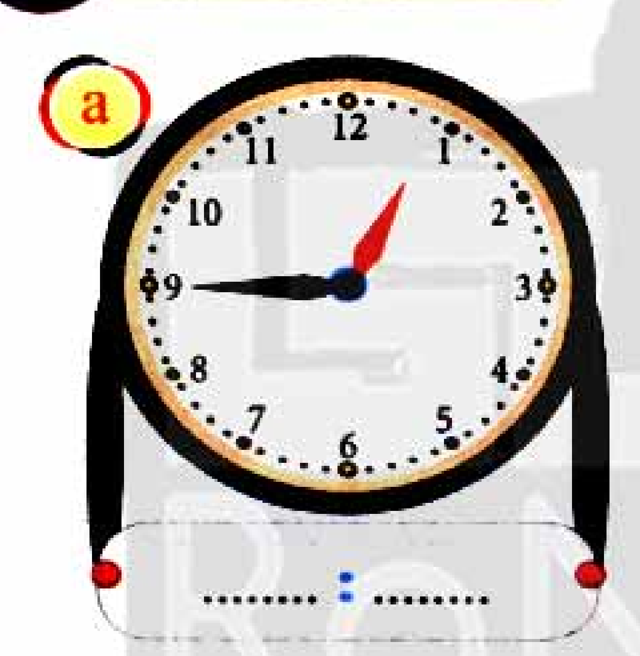


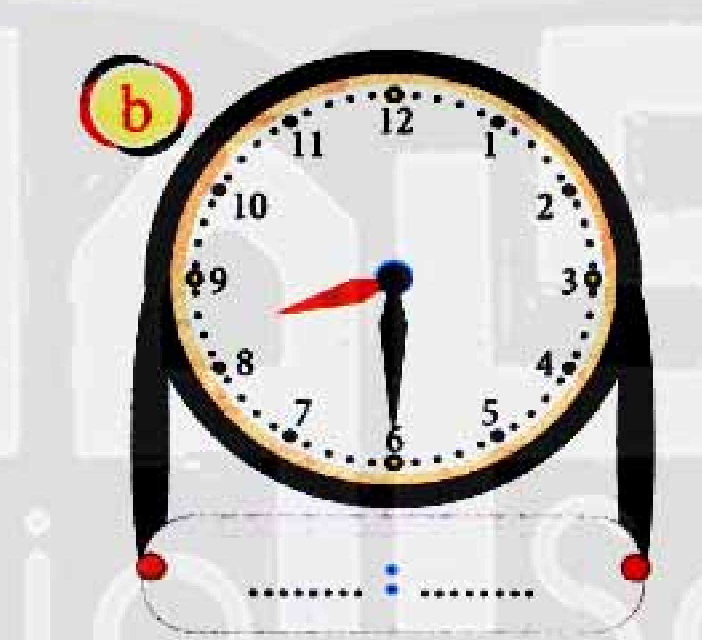
Estimation of : ...... - ......
is : ....

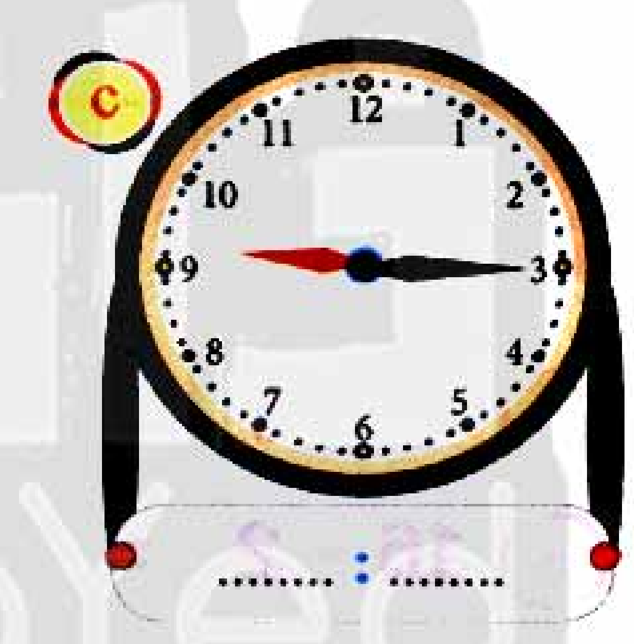
5 Ziad has a dog weight's 10 kg and a cat weight's 5 kg .
Find their weights together .

Their weight = ... + ... = ... kg .

6 Write the time :

a


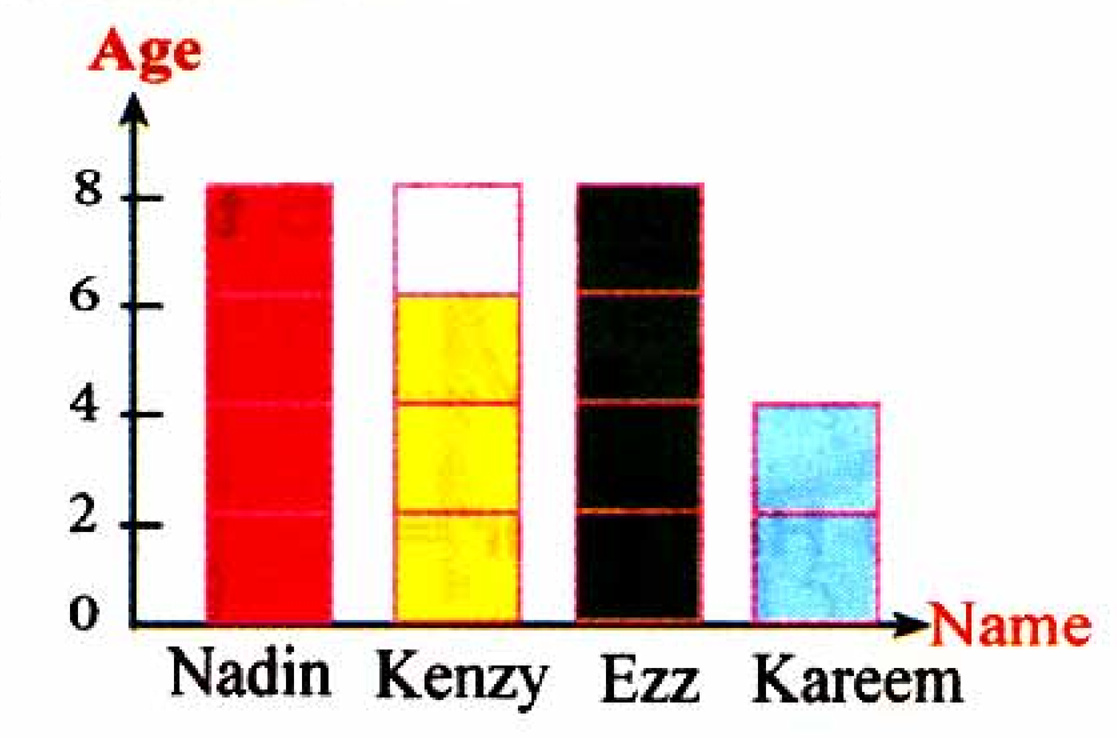
b


c


7 From the graph answer the following :

a **Kareem`s age** .... **Nadin`s age**

b **Total age of Ezz and Kenzy = ...**





General Self - check

Bakkar Self - check 1

1 Find :

Tens	Ones
+ 2	7
6	1
....	....

Tens	Ones
+ 7	6
1	7
....	....

Tens	Ones
− 4	8
3	0
....	....

Tens	Ones
− 7	5
7	4
....	....

2 Choose the correct answer :

a) I'm a solid with 1 base only .... (cone , circle , cylinder)

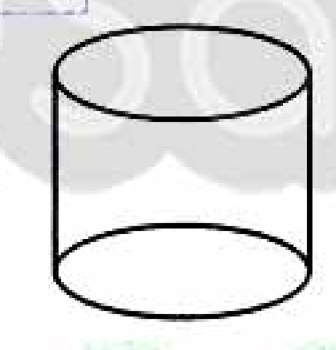
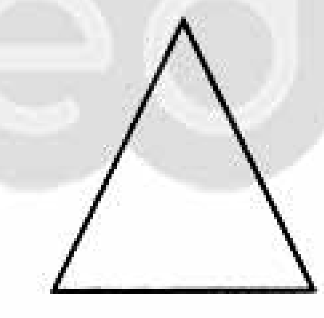
b) 715 = 5 + 10 + ... (700 , 70 , 7)

c) Nine hundred and eleven is written in digit as ......(191 , 911 , 119)

d) 6 hundred (.......) 60 tens. (> , < , =)

3 Write the name of each figure :

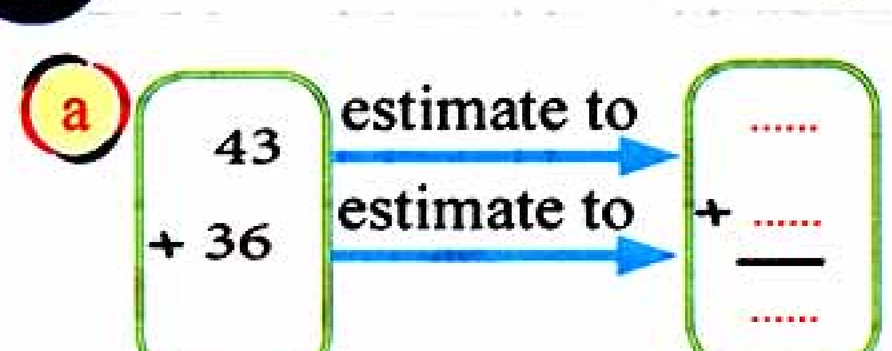


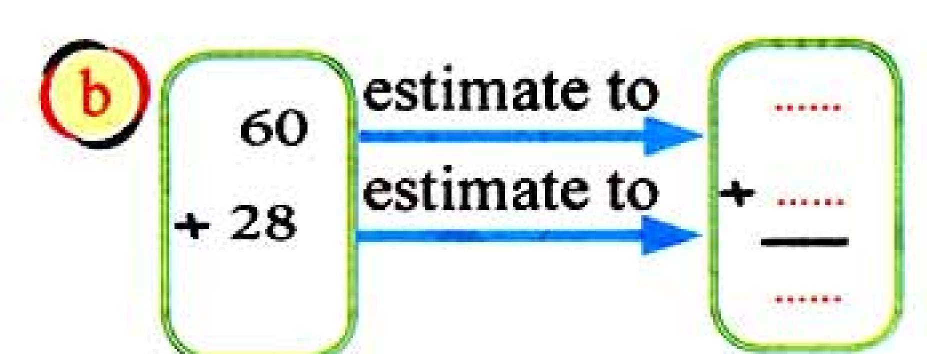



....

تفوقك في أي عمل عليه العلامة دي ذاكرولي

4 Estimate the following :









BAKKAR Skill part

5 Answer the following :

(a) Asmar has 13 kg rooks and she get another 8 kg rooks .

What is the weight of all rooks ?

Solution :

The weight of rooks = ……… + ……… = ……… rooks

(b) Write the time :





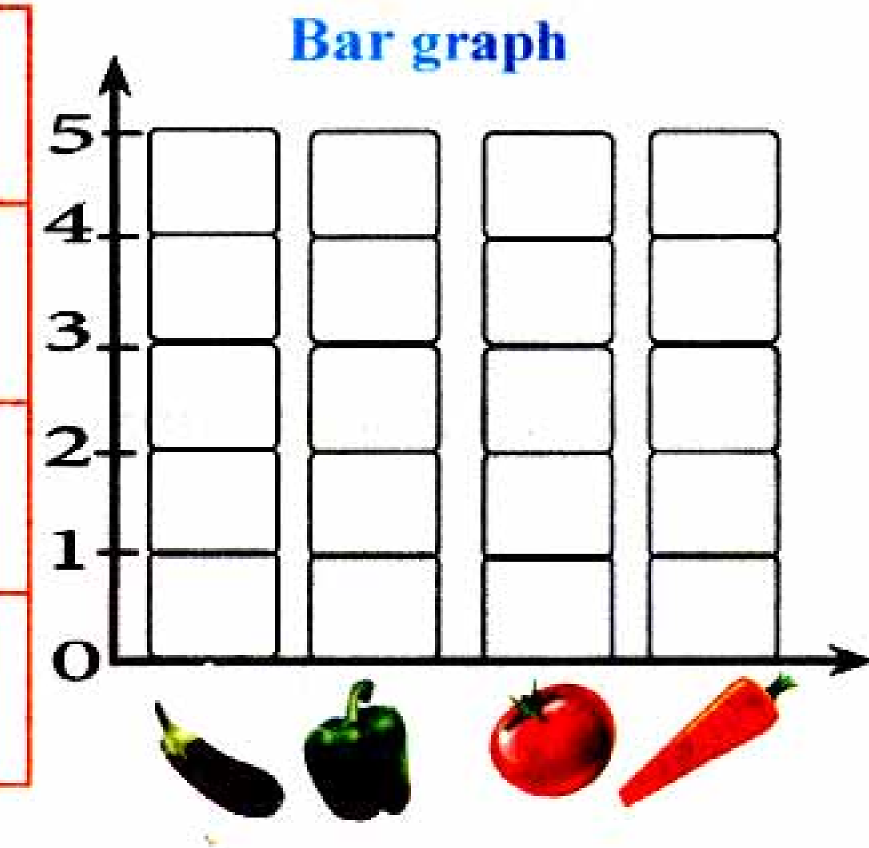
6 The income of my library in four days was 658 , 350 , 421 , 519 pounds. Arrange the amounts descendingly .

The order is : ……………… , ……………… , ……………… , ………………

7 From the picture graph , complete the bar graph : Discover Book

Picture graph

Eggplant	🍆	🍆	🍆		
Pepper	🫑	🫑	🫑	🫑	🫑
Tomato	🍅				
Carrot	🥕	🥕			



Self - check

Bakkar Self - check 2

1 Find :

35 + 28 = ...	63 + 36 = ...	43 - 11 = ...	49 - 15 = ...

2 Choose the correct answer :

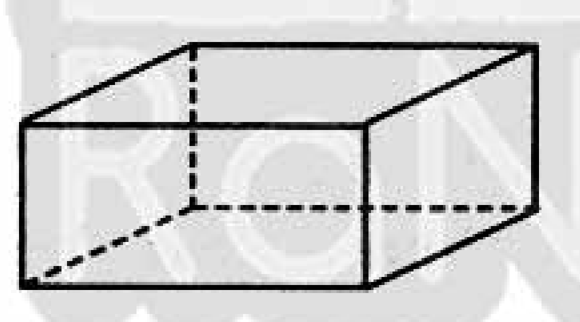
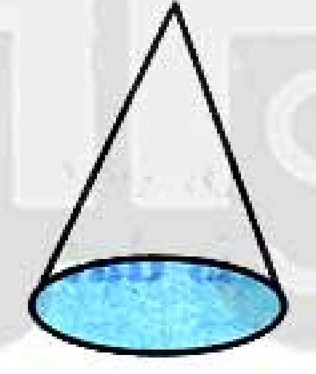
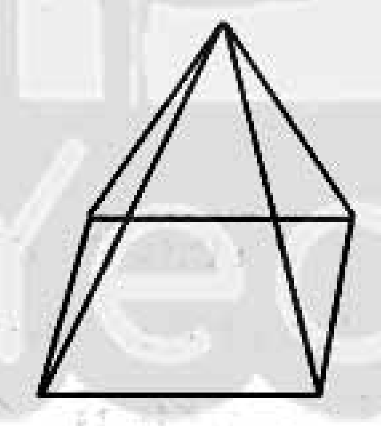
a) 155 (....) 515 (> , < , =)

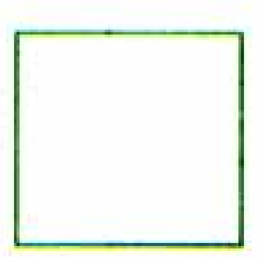
b) The solid that all it's faces are squares is ....(cone , ball , cube)

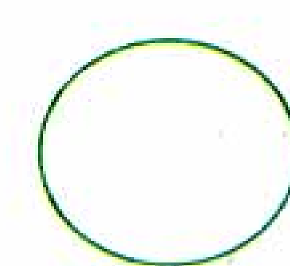
c) 375 = ... + 70 + 5 (3 , 30 , 300)

d) 100 g (....) 10 kg. (> , < , =)

3 Match each figure with it's suitable base :





4 Arrange in an ascending order :

10 kg , 1 kg , 5 kg , half kg

The order : .... , ... , ..., ...

BAKKAR **Skill part**

5 Answer the following :

(a) The story has 98 pages , Mohamed read 55 from them , find the number of pages were remained in the story ?

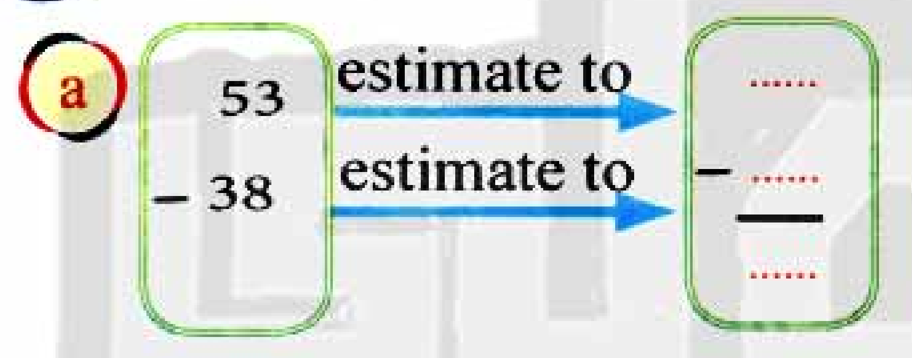
Solution : The remainder = ... - .... = ... pages

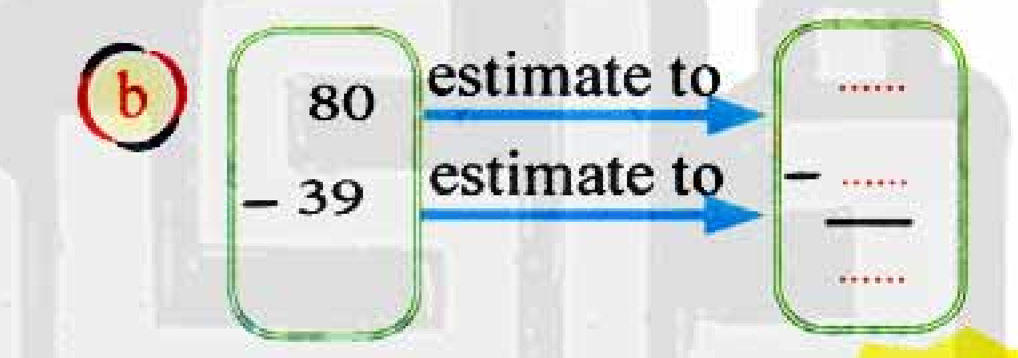
(b) **Write the time :**





6 Estimate the following :

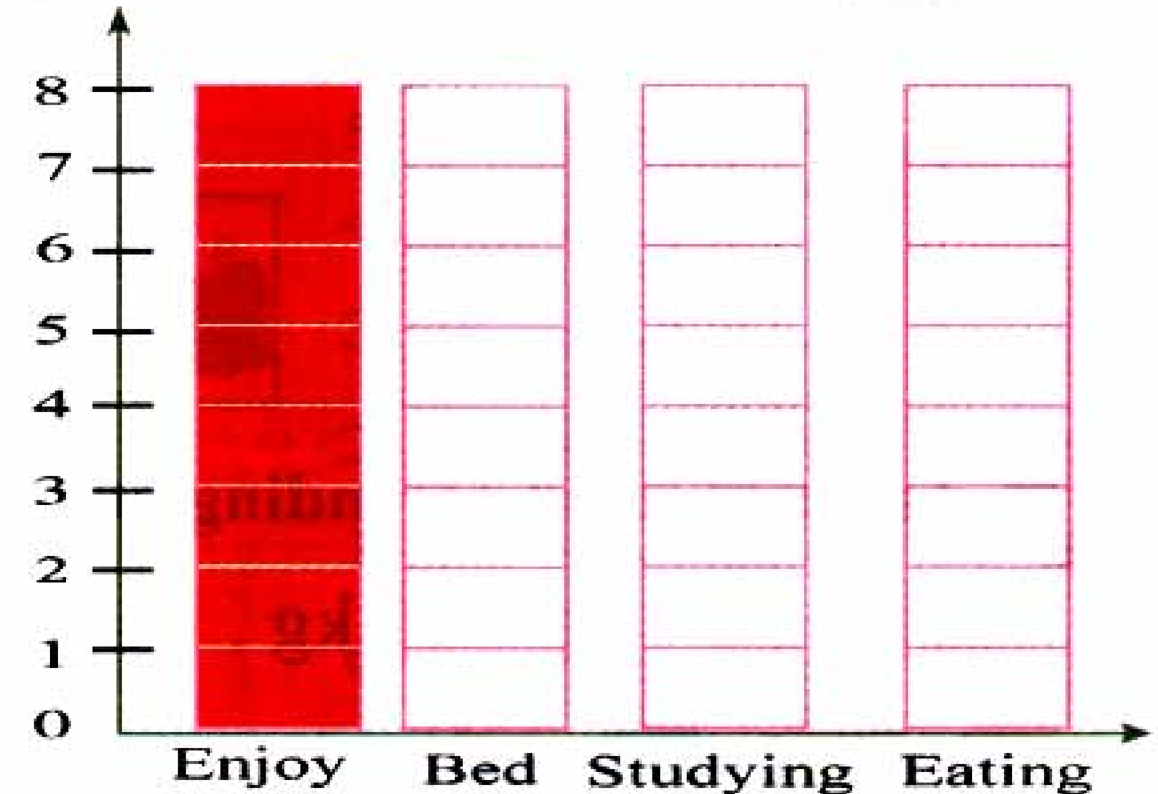




Discover Book

7 The teacher asked his student ,what do you doing at 4:00 afternoon and record this data in the table then colour the bar graph ?

Activity	The number of student
Enjoy	8
Bed	5
Studying	3
Eating	7





Bakkar Self - check 3

1 Answer the following:

Tens	Ones
+ 6	8
	6
....	....

Tens	Ones
+ 3	4
5	8
....	....

Tens	Ones
− 3	8
1	1
....	....

Tens	Ones
− 7	7
5	5
....	....

2 Choose the correct answer :

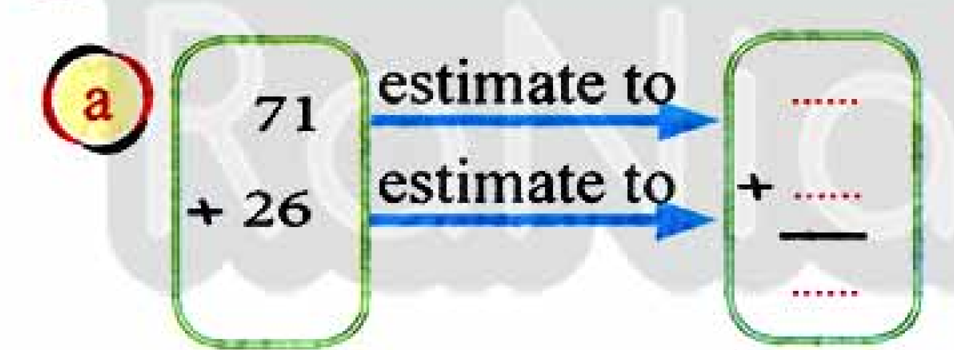
a) The place value of 6 in the number 356 is .... (6 , tens , ones)

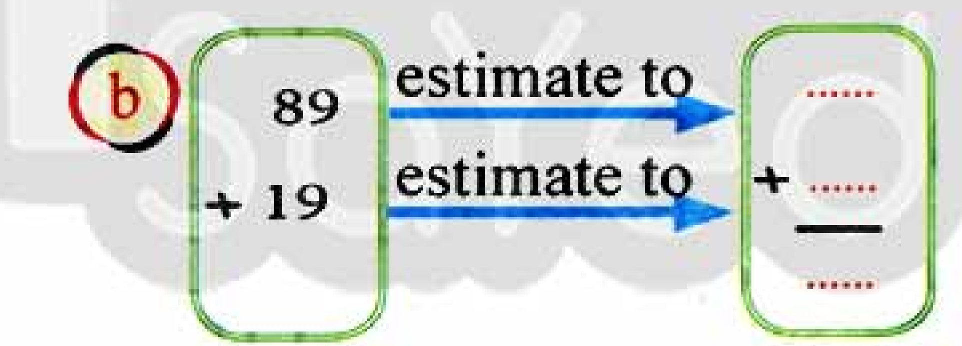
b) 1 kg = ... gm (10 , 100 , 1000)

c) Seven hundred and forty four is written as ...... (744 , 474 , 447)

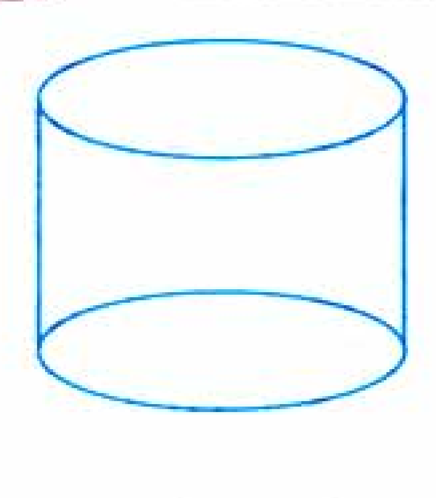
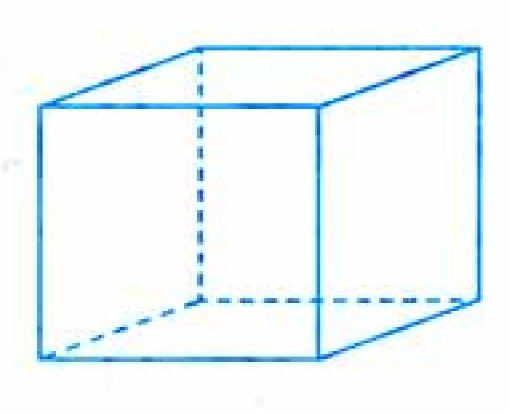
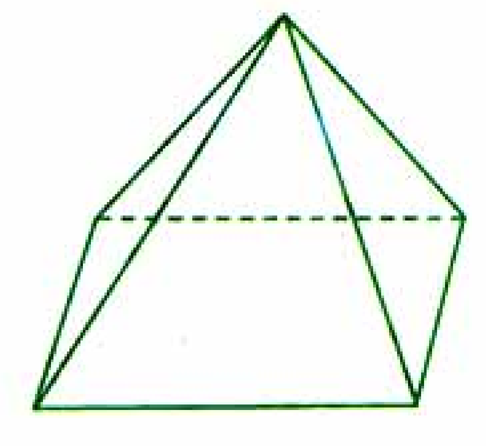
d) 5 ones + 3 tens + 4 hundred .... 415 (> , < , =)

3 Estimate the following :

a)


b)


4 Write the number of vertices in each solid :

....

BAKKAR Skill part

5 **Nour played 45 minutes match football , and she played 15 minutes jump by rope , how many minutes did she play ?**

Solution : Number of minutes = ... +........
= ..... minutes = ... hour

Discover Book

6 **Answer the following :**

a **Arrange the numbers in an ascending order :**

333 , 12 , 159 , 61 , 555

The order is : .... , ... ,.............. , ... ,..............

b Measure the length of the red side (using the ruler)



7 **From the chart find :**

33 + 10 = ...
15 + 9 = ...

41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

41 - 10 = ...
25 - 8 = ...

41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10




Self - check

Bakkar Self - check 4

1 Answer the following :

Tens	Ones
+ 3 1	4 6
....	....

Tens	Ones
+ 1	9 7
....	....

Tens	Ones
− 6 1	5 1
....	....

Tens	Ones
− 5 4	8 6
....	....

2 Choose the correct answer :

a) 9 tens , 6 ones , 4 hundreds .... (964 , 496 , 946)

b) The value of 5 in the number 225 is .... (5 , 50 , 500)

c) Six hundred and fifty two is written in digit as ....

(625 , 652 , 562)

d) The number of edges in the cuboid = ... edges.(6 , 8 , 12)

e) 1 kg (....) half kg . (> , = , <)

3 Answer the following :

a) Using the ruler to measure the following lengths :

(........ cm)

(........ cm)

(........ cm)

b) Draw the long hand :







BAKKAR Skill part

4 Answer the following :

(a) Asmaa bought toys by LE 14 , and mobile by LE 69 .
How many pound did Assma pay ?
Solution : Asmaa paid = ... + ... = ... pounds

(b) Who am I : I'm 2D has no sides or vertices ? ....

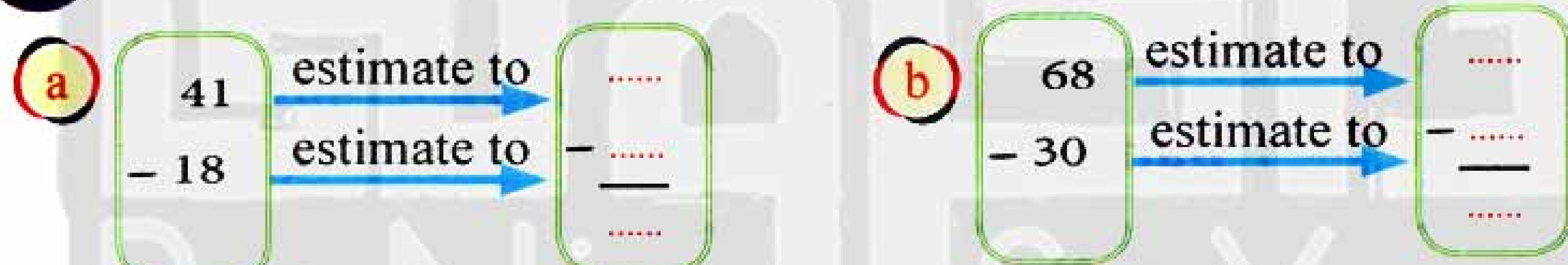
5 Answer the following :

Discover Book

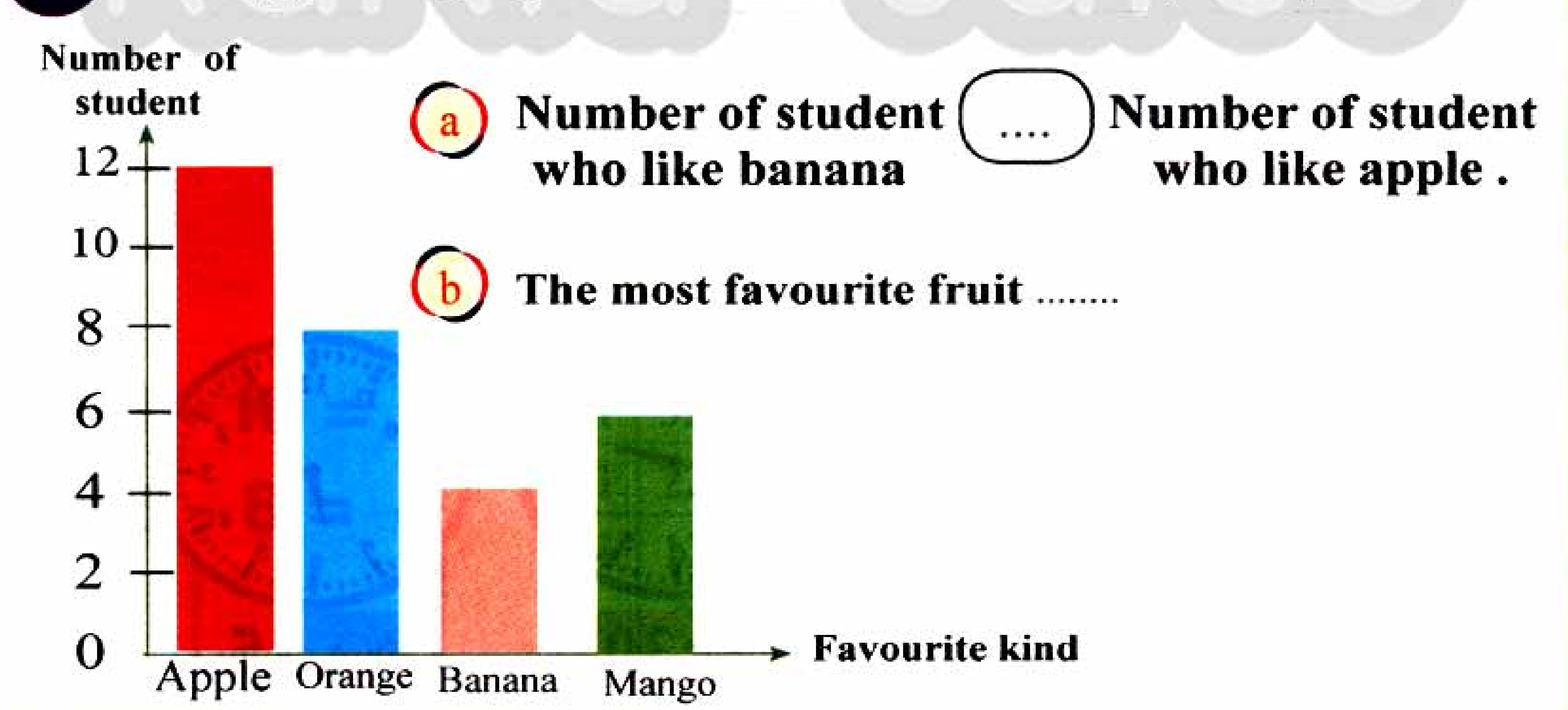
325 visitors in temple in the first day , and 450 visitors in the second day , 155 visitors in the third day , 519 visitors in the forth day , Arrange the number of visitors ascendingly

The order is : .... , ... , ... , ...

6 Estimate the following :



7 The opposite graph show the favourite fruits , Complete :



(a) Number of student who like banana (....) Number of student who like apple .

(b) The most favourite fruit ....



Bakkar Self - check 5

1 Find :

58	55	87	69
+ 16	+ 36	- 44	- 15
......	......	......	......

2 Choose the correct answer :

a) One hundred and forty in digits is ...... (104 , 401 , 140)

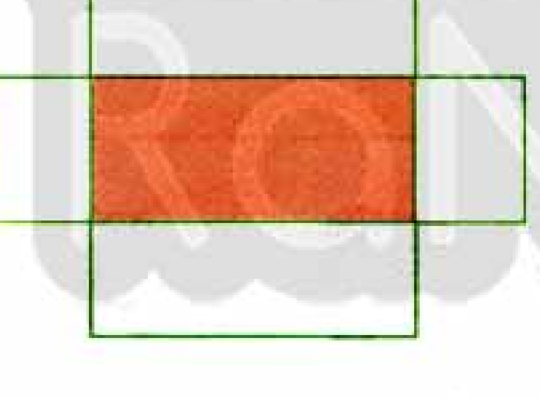
b) The quadrilateral shape all its sides are equal in length is ....

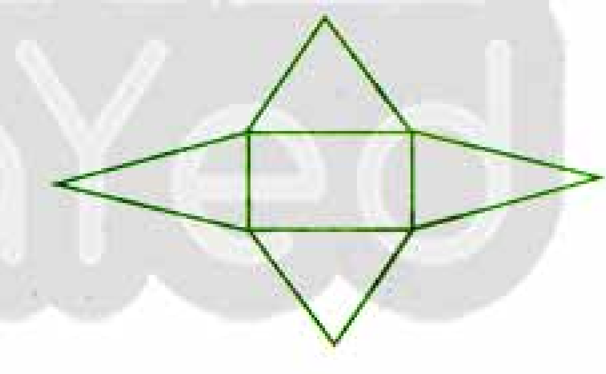
(Circle , square , Trapezium)

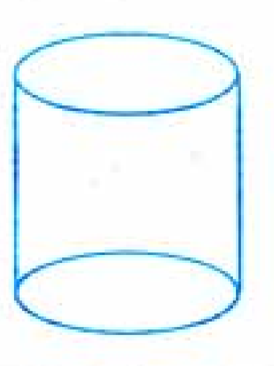
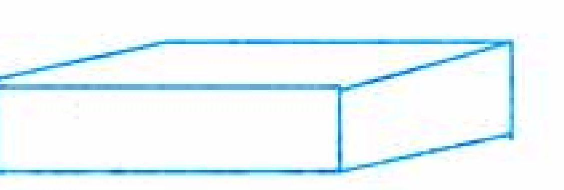
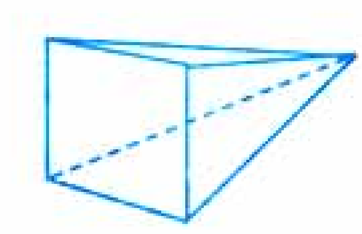
c) The value of number 1 in the number 318 = ... (1 , 10 , tens)

d) 485 (..........) 584 (> , < , =)

3 Match each figure to the suitable solid :





4 Arrange the following from the big to the small :

2 kg , 100 g , 1 kg , 10 kg

The order : .... , ... , ..., ...




BAKKAR Skill part

Discover Book

5 (a) My grandma went to the market she bought a vegetables for LE 29 , breads for LE 8 , a hen for LE 47 then LE 12 for taxi. How much did she pay ?

Solution : She paid = 29 + 8 + ... + ...

= ..... + ... = ... pounds

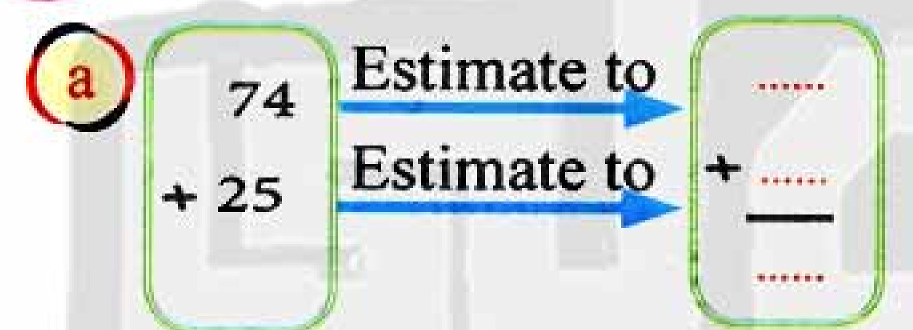
(b) Write the time :



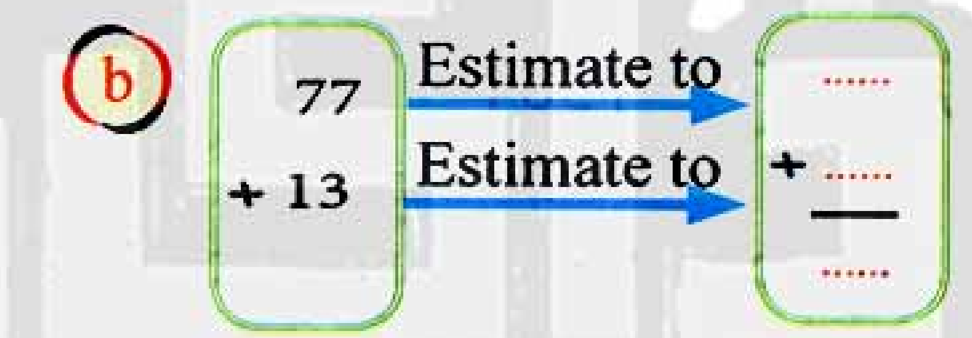


6 Estimate the following :

(a)

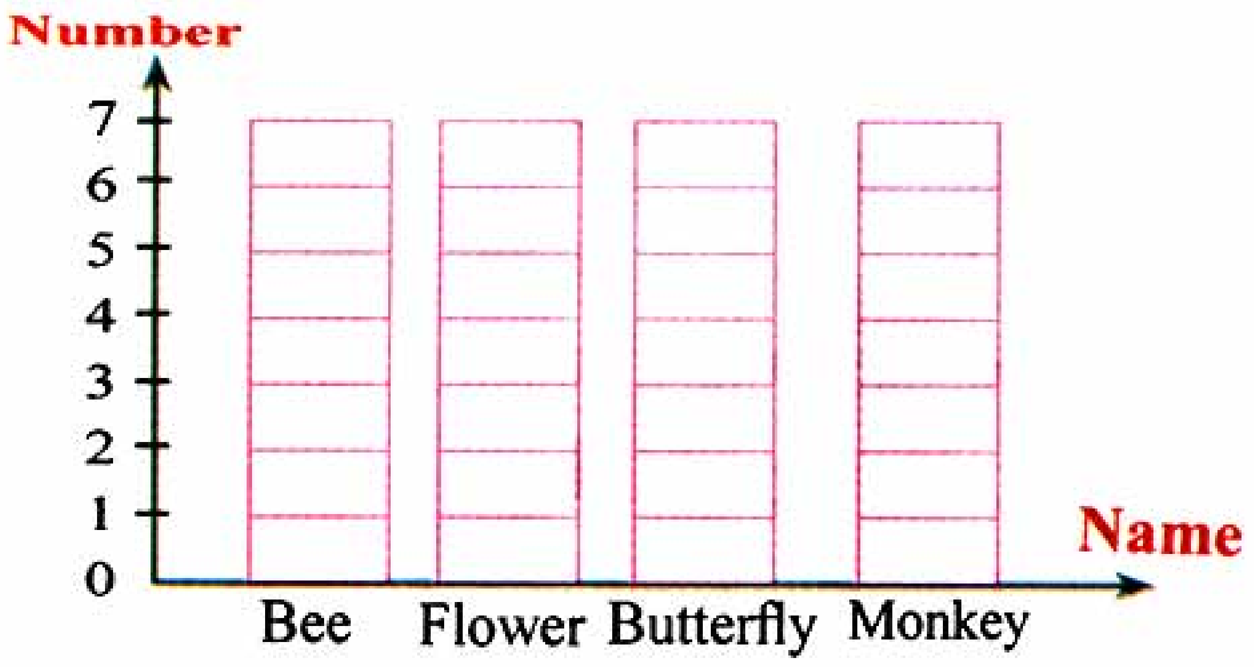


(b)

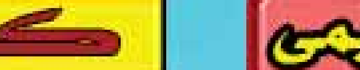


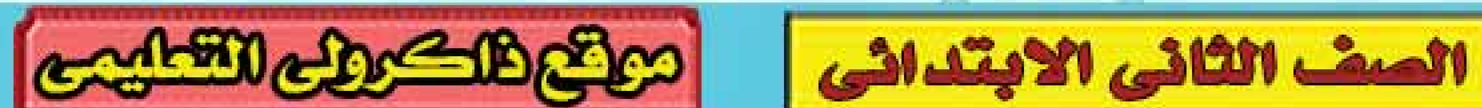
7 Count then complete the table and the graph :





Name	Number
Bee	....
Flower	....
Butterfly	....
Monkey	....





Bakkar Self - check 6

1 Find :

Tens	Ones
+ 2 / 3	2 / 7
....	....

Tens	Ones
+ 1 / 1	9 / 9
....	....

Tens	Ones
− 5 / 4	6 / 1
....	....

Tens	Ones
− 6 / 4	8 / 8
....	....

2 Choose the correct answer :

a) The place value of 5 in 598 is ...... (ones , tens , hundreds)

b) Two hundred and eleven in digits is .... (211 , 121 , 112)

c) 4 hundred (....) 40 tens (> , < , =)

d) A solid all of its faces as a square is .... (Cylinder , Cube , Pyramid)

3 Join from (A) to (B) :

(A)	(B)
1) The name of [cylinder]	1) Circle
2) Number of sides of [hexagon] is	2) 6
3) The name of [trapezium] is	3) Cylinder
4) The base of the cone in from of	4) Trapezium

4 Arrange the following from the biggest to the smallest :

55 , 505 , 50 , 550 , 5

Descendingly: .... , ... , ... , ... , ...




BAKKAR Skill part

5 Answer the following :

a) Tuk tuk weighted 99 kg its driver weighted 70 kg

Find the difference between the two weight



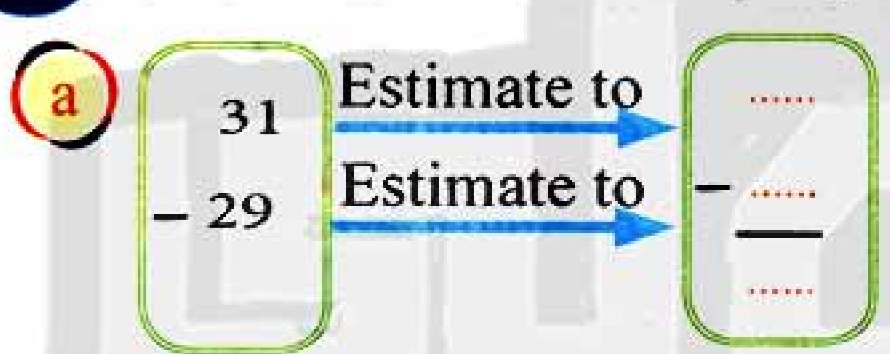
Solution : the difference = ... - .... = ... kg

b) Write the time :





6 Estimate the following :



a) 31 Estimate to ......
− 29 Estimate to − ......
......

b) 54 Estimate to ......
− 37 Estimate to − ......
......

7 Complete the table then choose :

Shape	Number
	....
	....
	....
	....

a) Number of = ... (3 , 4 , 5)

b) Number of .... Number of (> , = , <)

c) Number of all shapes = ... (12 , 13 , 14)





Self - check

Bakkar Self - check 7

1 **Find :**

22	15	48	87
+ 39	+ 49	- 12	- 30
......	......	......	......

2 **Choose the correct answer :**

(a) The place value of 3 in 341 is (300 , tens , hundreds)

(b) The day = ... hours (12 , 24 , 60)

(c) 852 = 800 + 2 + ... (5 , 50 , 500)

(d) Number of sides of ▱ = ... sides (3 , 4 , 5)

(e) 1000 kg (....) 1 kg . (> , = , <)

3 **Using the ruler to find the length of the following :**

(........) cm

(........) cm

(........) cm

4 **Choose the estimation (without solving) :**

(a) 72 + 10 estimate to .... (20 , 50 , 80)

(b) 90 - 28 estimate to .... (10 , 70 , 90)

BAKKAR **Skill part**

5 Answer the following :

The number of a pupils in a class 74 , 41 of them are boys .
What is the number of girls ?

Solution : Number of girl = ... - .... = ... girl

6 Answer the following :

(a) Find the missing number :

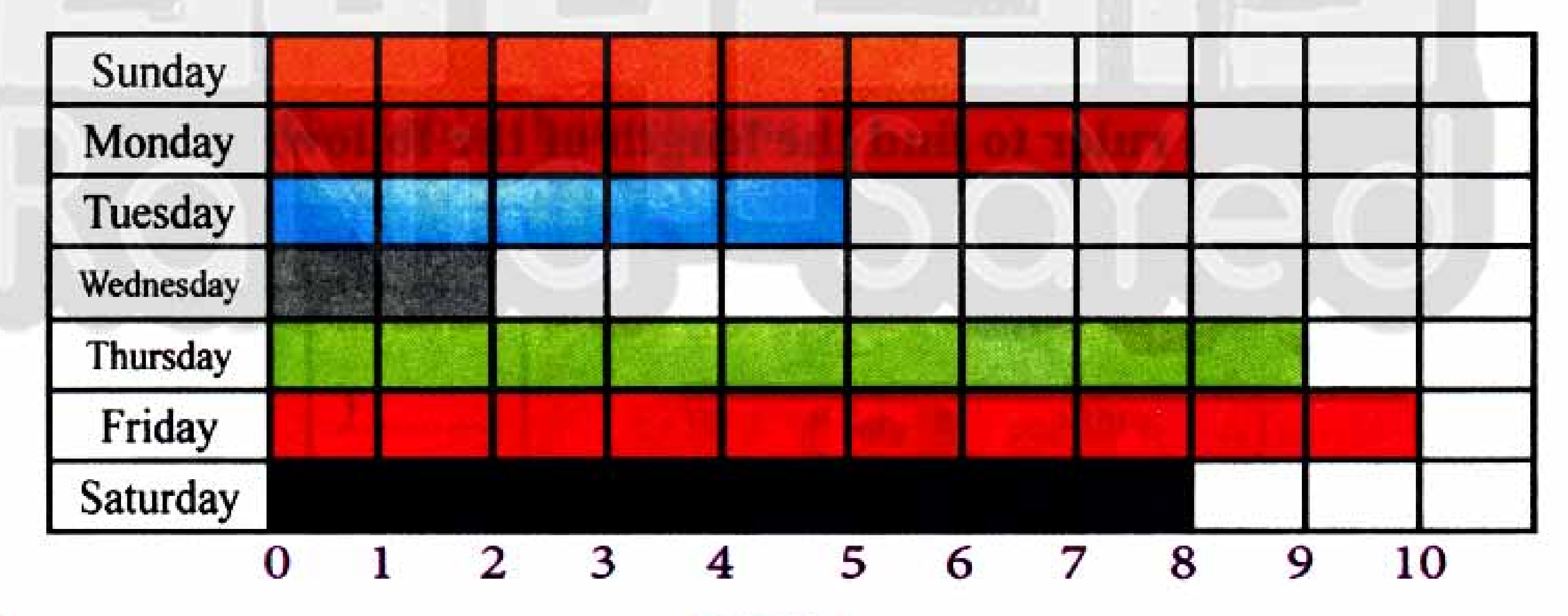
39 + ... = 44

41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30

(b) **Who am I** : 3 dimensions solid has 5 vertices .

I'm is ....

7 From the graph complete using (> , < , =) :



(a) **The number in Friday** .... **The number in Wednesday**

(b) **The number in Sunday** .... **The number in Monday**

(c) **The number in Saturday** .... **The number in Monday**



Self - check

Bakkar Self - check 8

1 Answer the following :

Tens	Ones
3	7
+ 3	4
....	....

Tens	Ones
2	6
+ 3	7
....	....

Tens	Ones
4	5
− 4	1
....	....

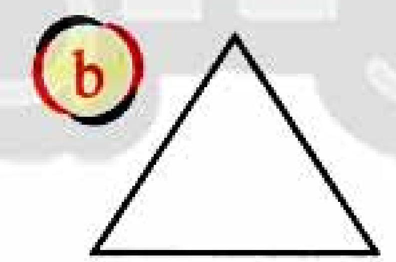
Tens	Ones
4	8
− 1	4
....	....

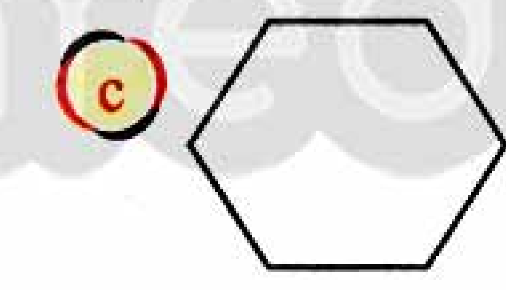
2 Join from (A) to (B) :

(A)	(b)
a The value of 3 in 537 is	Cylinder
b The solid ⌷ is	Lengths
c The number just after 99 is	30
d The metre and centimetre used to measre	100

3 Write the number of vertices of each shape :

a  ....

b  ....

c  ....

4 Estimate the following :

a
57
+ 14
Estimate to ......
Estimate to + ...
......

b
81
+ 10
Estimate to ......
Estimate to + ...
......



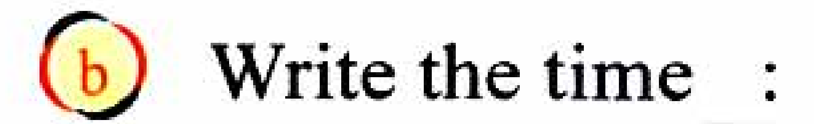
BAKKAR **Skill part**

5 Answer the following :

(a) The weight of a ring is 50 gm and the weight of earring 40 gm . What is the weight of them together ?

Solution : The weight = ... + ... = ... gm

(b) Write the time :







6 Arrange in a descending order :

306 , 36 , 630 , 360 , 63

The order : .... , ... , ... , ... , ...

7 From the table complete :

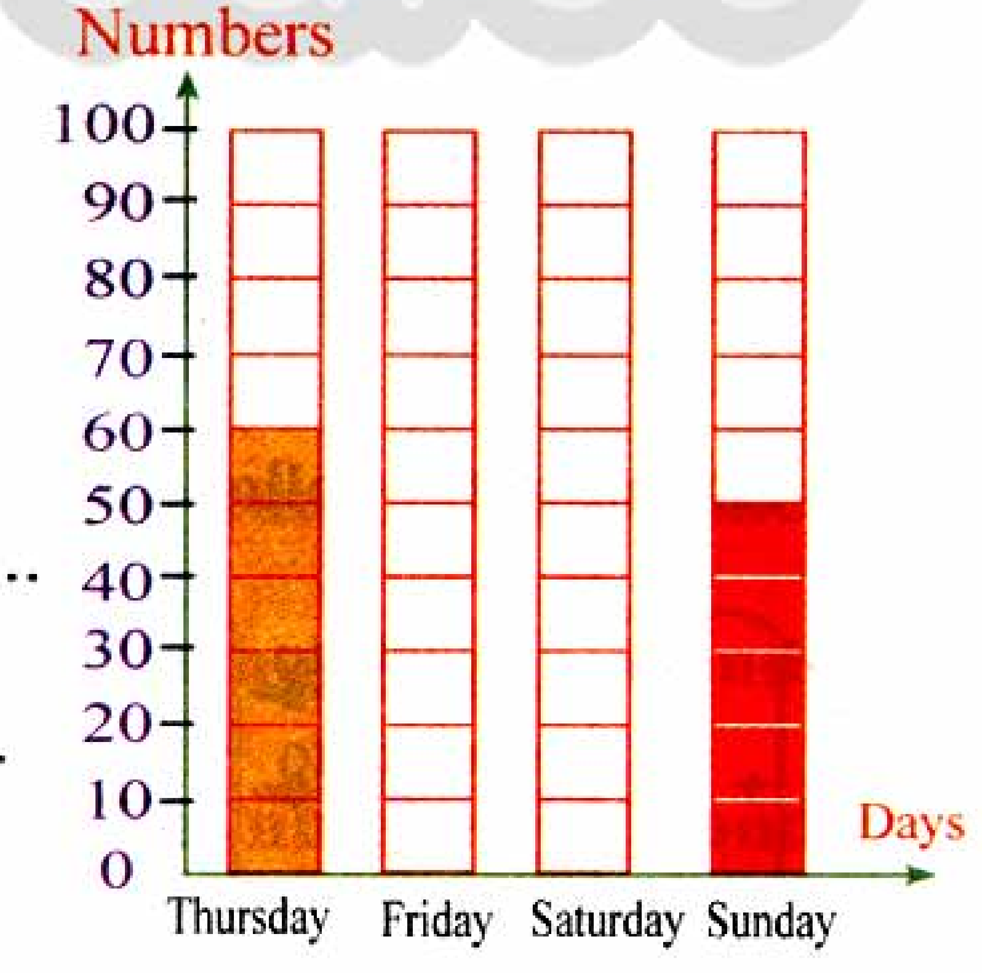
Day	Thursday	Friday	Saturday	Sunday
Number	60	100	70	50

(a) Complete the graph :

(b) The favourite day is ....

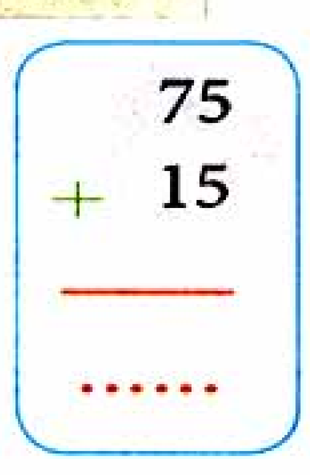
(c) The number of pupils who prefer Thursday is ....

(d) Number of pupils who prefer Saturday and Sunday is ....



Bakkar Self - check 9

1 Find :



75 + 15	30 + 20	98 - 38	46 - 15 ......

2 Choose the correct answer :

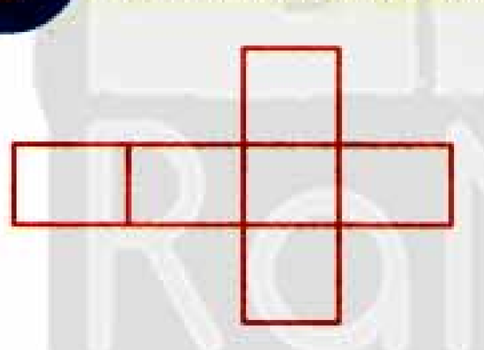
a) The estimation of 27 is .... (2 , 20 , 200)

b) 6 hundreds , 3 tens = ... (603 , 306 , 630)

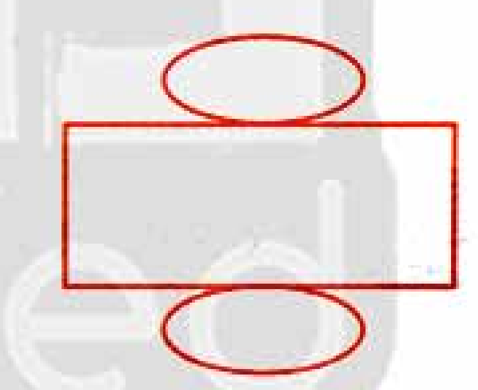
c) The length of the classroom measured in .... (cm , m , gm)

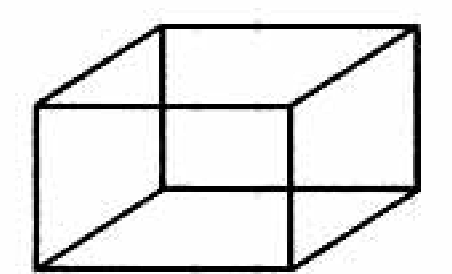
d) The number of vertices of a cube is .... (4 , 6 , 8)

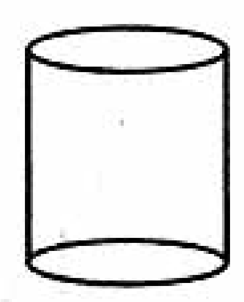
3 Join with the suitable solid :

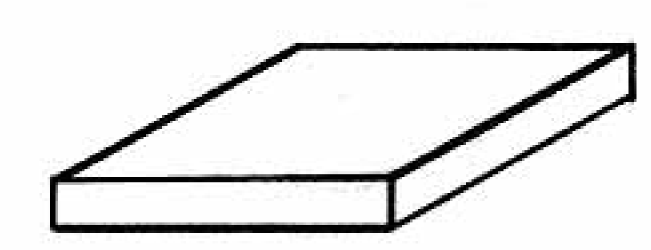












4 Arrange in ascending order :

45 min , one hr , quarter hr , 30 min

The order : .... , ... ,................. , ... ,.................

BAKKAR **Skill part**

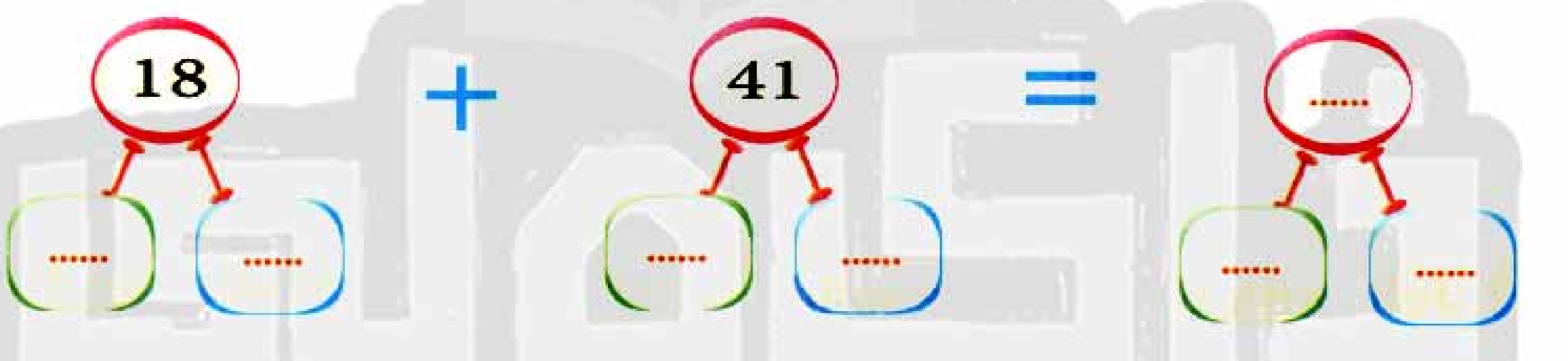
5 Answer the following :

(a) Omar bought 3 kg of banana ,
5 kg of tomatoes , 1 kg of date .
What is the weight of what Omar carry .

Solution : The weight = ... + ... + ... = ... kg

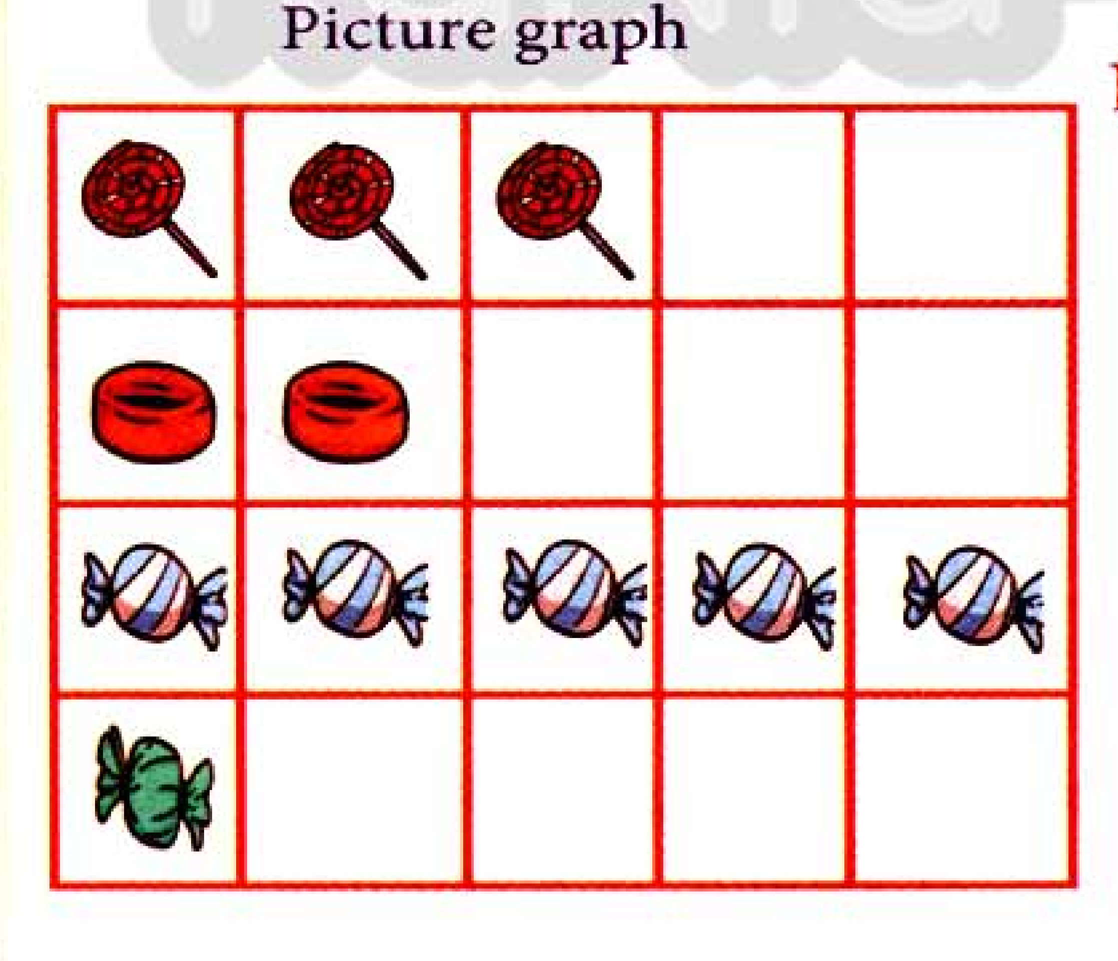
(b) Who am I ? (a polygon with 5 vertices) .
I`m ....

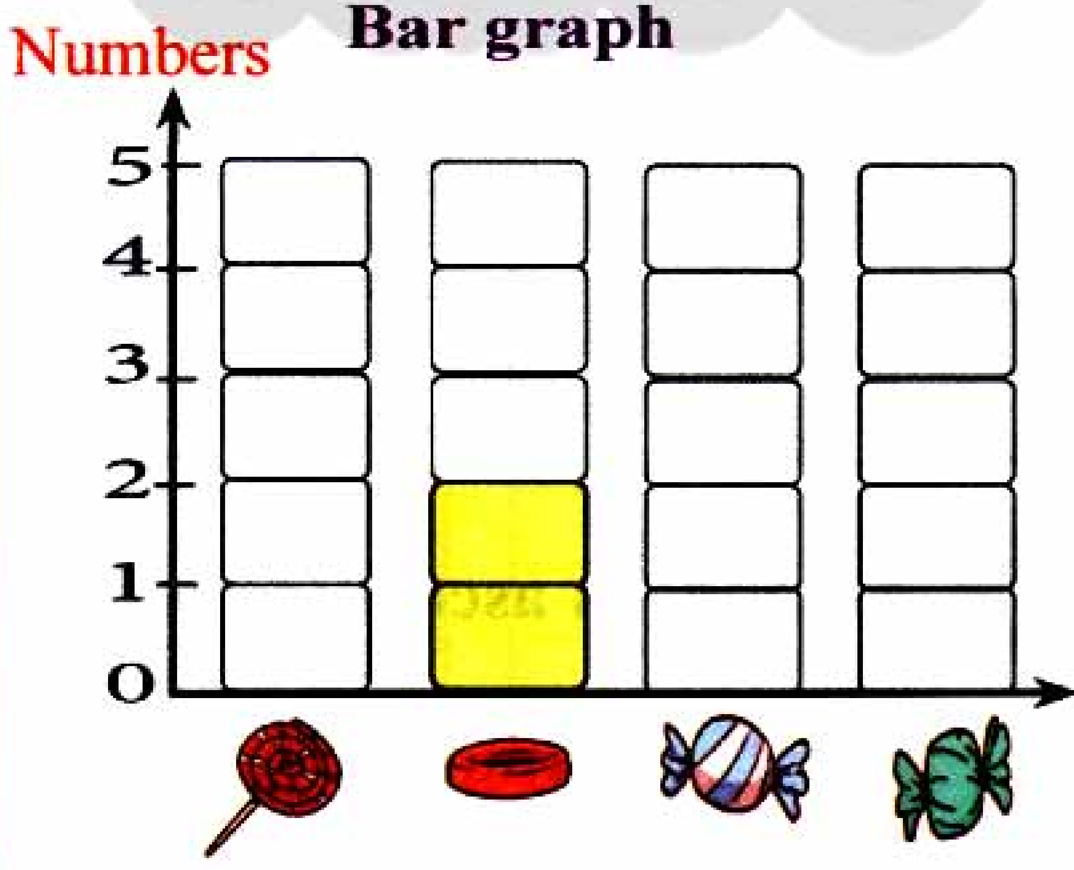
6 Complete :



7 From the table complete :

Picture graph








Self - check

Bakkar Self - check 10

1 **Answer the following :**

Tens	Ones
+ 1 5	1 7
....	....

Tens	Ones
+ 1	3 9
....	....

Tens	Ones
− 6 3	7 4
....	....

Tens	Ones
− 8 4	5 4
....	....

2 **Choose the correct answer :**

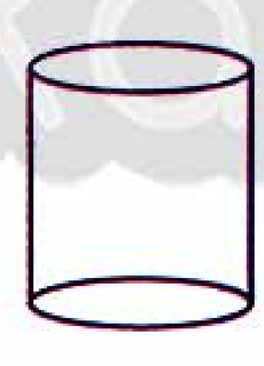
a) The value of 7 in 375 is .... (700 , 70 , 7)

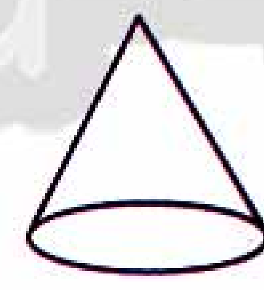
b) 98 [....] 105 (= , < , >)

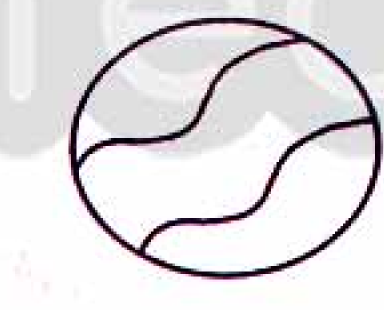
c) The weight of a hen can be .... kg (600 , 40 , 2)

d) Ninety three .... (93 , 309 , 39)

3 **Write the name of each solid :**







....

4 **Choose the suitable estimation (without solving):**

a) 49 + 40 Estimate to .... (40 , 80 , 90)

b) 81 - 38 Estimate to .... (10 , 40 , 50)

BAKKAR Skill part

5 Answer the following :

(a) Who am I ? I'm a polygon with 4 sides .

I'm .... or ....

(b) Join :

Eating dinner	Back to home	Waking up
8 : 15	6 : 00	1 : 30

6 Arrange in a descending order :

12 , 20 , 200 , 10 , 100

The order : .... , ... , ... , ... , ...

7 From the graph choose :

(a) The most number is of ....

(star , crab , turtle)

(b) The sum of turtle and fish =

(3 , 5 , 8)

(c) The difference between the number of crab and star = (2 , 6 , 8)

Numbers

star	crab	turtle	fish
2	8	5	3



Self - check

Bakkar Self - check 11

1 Answer the following :

16	52	77	26
+ 16	+ 18	- 35	- 15
......	......	......	......

2 Choose the correct answer :

a) The value of 4 in 564 is .... (4 , 40 , 400)

b) 26 + 10 [....] 26 - 10 (< , > , =)

c) The number of sides in △ = ... sides. (2 , 3 , 4)

d) 425 = ... hundreds + 2 tens + 5 ones (4 , 40 , 400)

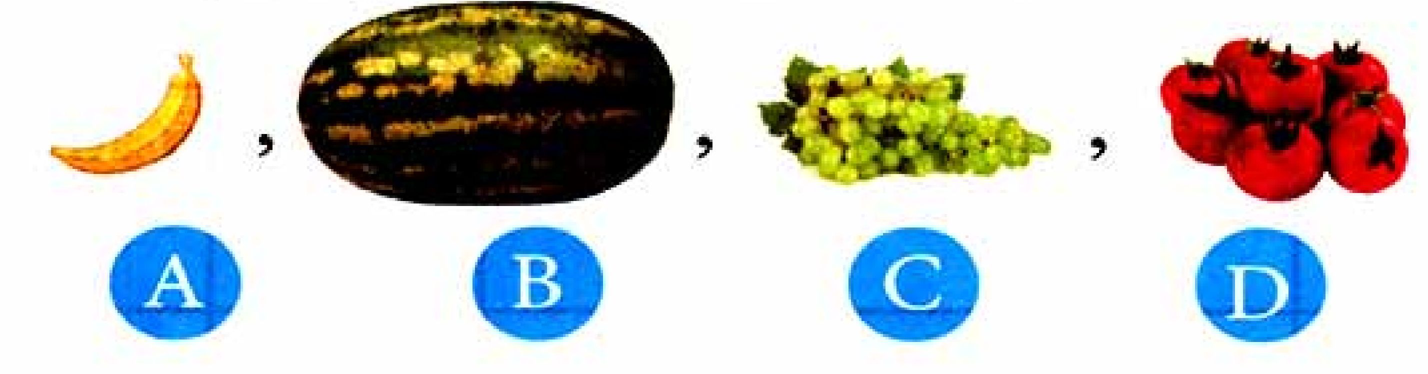
3 Using the ruler to find the length of the following :

(........ cm)

(........ cm)

(........ cm)

4 Arrange from the heavy to the light :



A , B , C , D

The order : .... , D , ... , ...



BAKKAR Skill part

5 Answer the following :

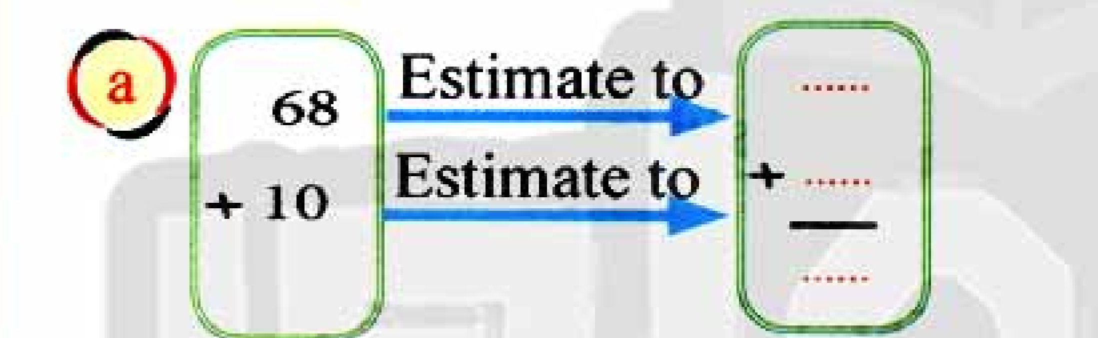
(a) Mohamed bought socks for LE 23 , if he has LE 75 ,

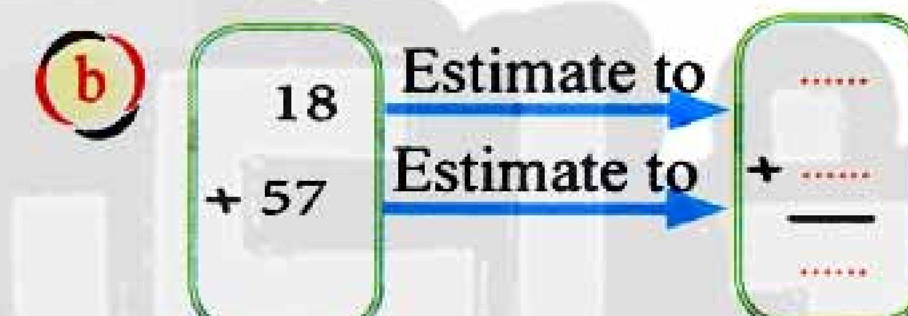
How much money remained with him ?

Solution : The remainder = ... - .... = LE ....

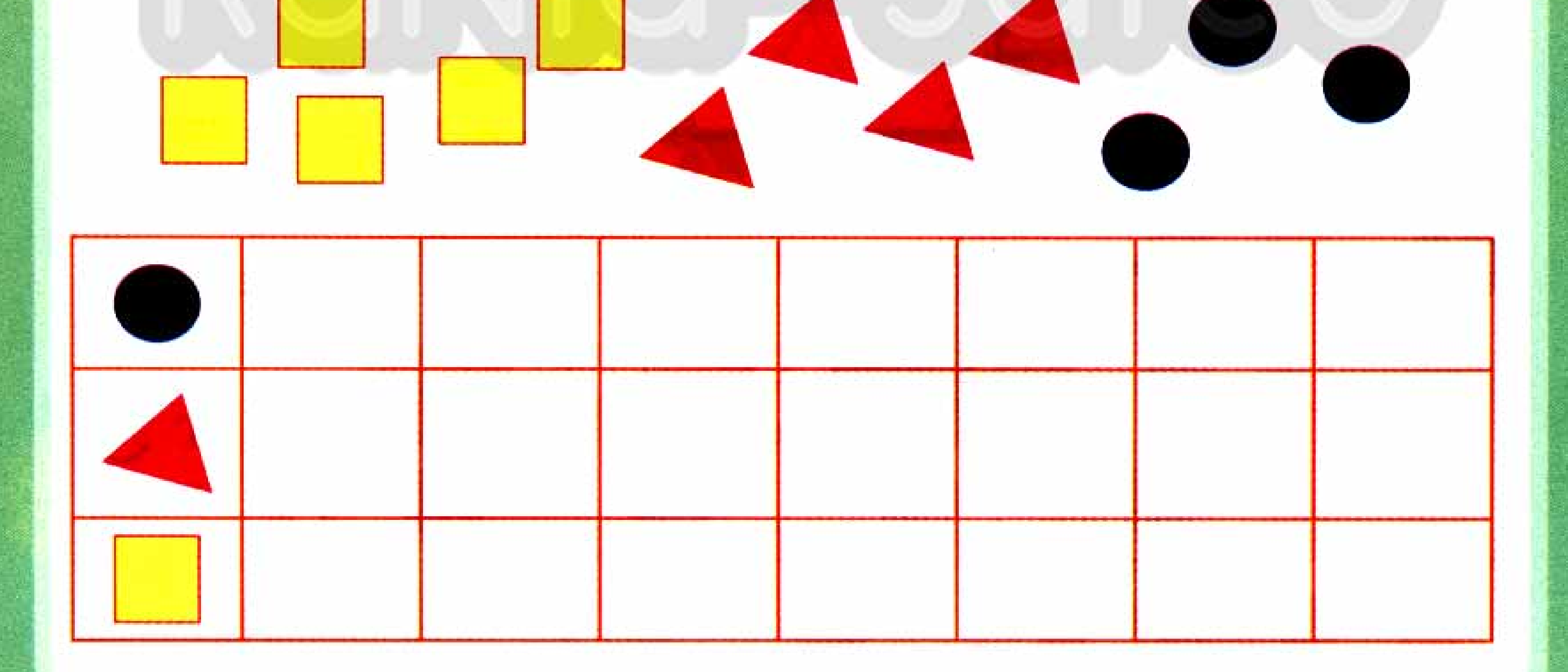
(b) Who am I ? a solid with rectangular faces , I'm ....

6 Estimate the following :

(a)


(b)


7 From the shapes complete the picture graph :



Bakkar Self - check 12

1 **Find :**

Tens	Ones
+ 4	5
1	8
....	....

Tens	Ones
+ 3	1
3	6
....	....

Tens	Ones
– 9	0
3	0
....	....

Tens	Ones
– 8	7
5	7
....	....

2 **Choose the correct answer :**

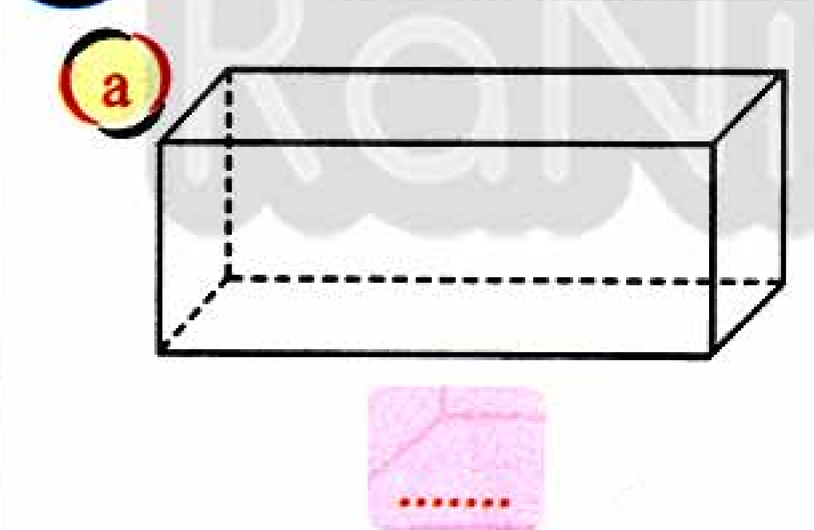
a) The place value of 6 in 654 is .... (ones , tens , hundreds)

b) 659 [....] 667 (< , > , =)

c) 853 = 3 + ... + 800 (5 , 50 , 500)

d) Number of sides of square [....] Number of sides of rhombus (< , > , =)

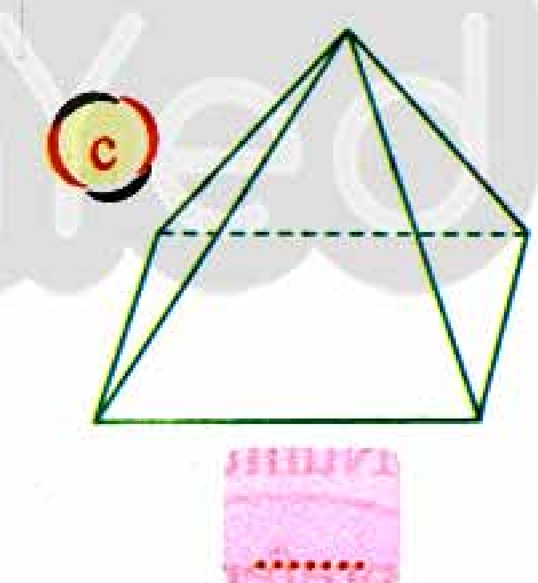
3 **Write the number of faces in each solid :**

a) 

....

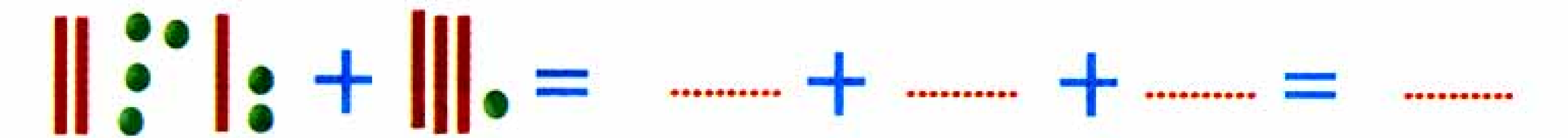
b) 

....

c) 

....

4 **Write the number in digit then find the sum :**



BAKKAR Skill part

5 Answer the following :

a **Arrange in a descending order :**

666 , 77 , 88 , 111 , 808

The order : .... , ... , ... , ... , ...

b The solid whose all of it's faces in the form of a square is ....

6 Answer the following :

Nabil has LE 87 , he bought a book for LE 63 ,

How much money remained with him ?

Solution : The remainder = ... - .... = LE ....

7 From the graph complete :

a Number of pupils who prefer strawberry (....) Number of pupils who prefer banana

b The favourite fruit is ....

c Number of pupils who prefer Orange and Mango =

.... + ... = ...

Number of pupils
12
10
8
6
4
2
0
Fruit
Banana
Orange
Mango
Strawberry



Self - check

Bakkar Self - check 13

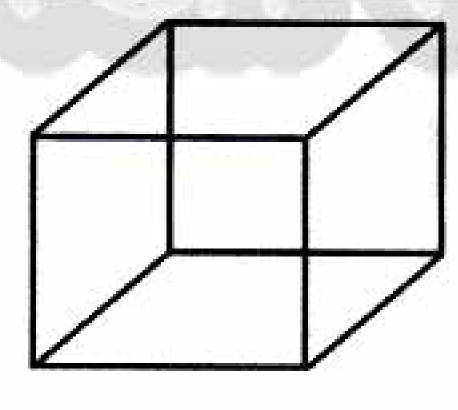
1 **Find :**

43 + 18 ………	61 + 12 ………	37 - 25 ………	99 - 26 ………

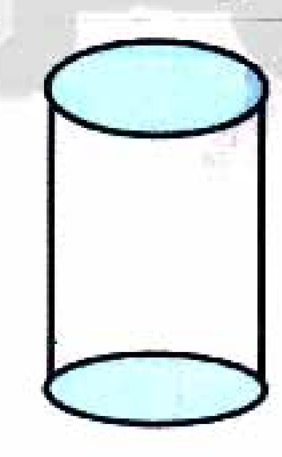
2 **Join from (A) to (B) :**

(A)	(B)
(a) The place value of 3 in 327 is	987
(b) The solid that has 2 circler bases is	Tens
(c) The number just before 988 is	Hundreds
(d) The shape ⬡ has .... sides	Cylinder
	6

3 **Write the name of the following solids :**



....



....



....

4 **Arrange in ascending order :**

62 , 53 , 78 , 19 , 49

The order : .... , ... , ... , ... , ...

BAKKAR **Skill part**

5 Answer the following :

(a) A farm has 17 sheep , some of them go away and 10 sheep remained . How many sheep go away ?

Solution : The number = ... - .... = ... sheep

(b) **Complete with (Morning - Evening)**

Sleep at : .... Weak up at :..................

Dinner at : .... Back to home at : ....

6 Choose the suitable estimation (without solving):

(a) 51 + 30 Estimate to .... (20 , 30 , 80)

(b) 98 - 82 Estimate to .... (10 , 30 , 70)

7 Complete the table and the graph :



Name	Number
Cat	....
Dog	....
Rabbit	....
Bird	....

Number

8 7 6 5 4 3 2 1 0

Cat Dog Rabbit Bird Name



Self - check

Bakkar Self - check 14

1 Find :

Tens	Ones
5	4
+ 3	8
....	....

Tens	Ones
6	5
+ 1	6
....	....

Tens	Ones
4	6
− 1	1
....	....

Tens	Ones
7	7
− 5	4
....	....

2 Choose the correct answer :

a) Five hundred seventy seven .... (557 , 775 , 577)

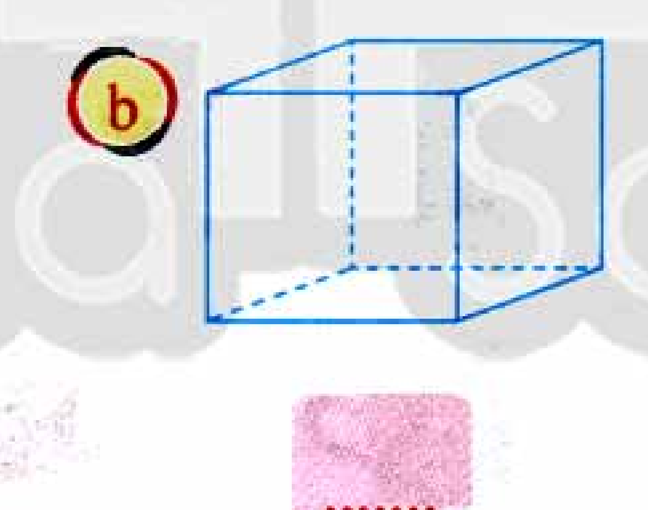
b) The value of 2 in 218 is = ... (2 , 20 , 200)

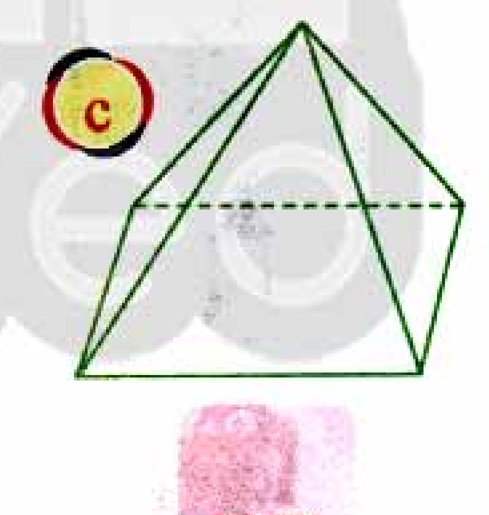
c) Number of sides of ◇ is .... (4 , 3 , 5)

d) 351 .... 299 . (> , < , =)

3 Write the number of vertices of each shape :

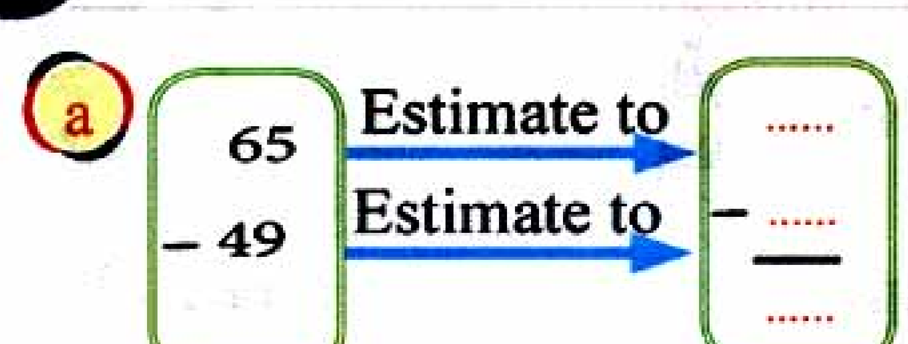
a) 
....

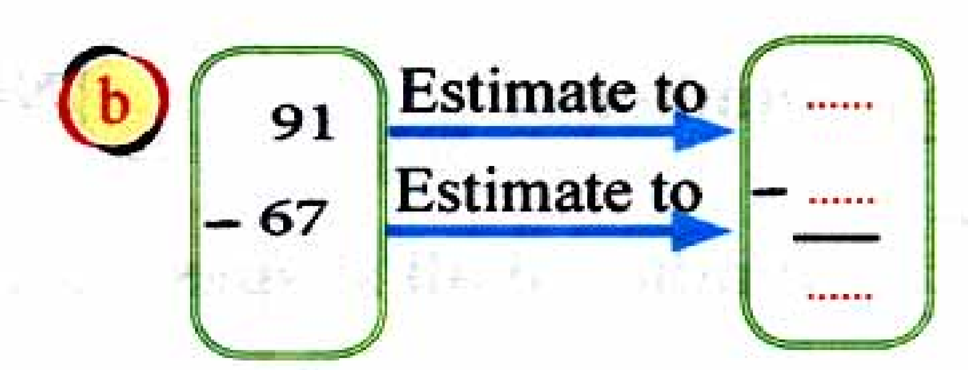
b) 
....

c) 
....



4 Estimate the following :

a) 

b) 

5 Answer the following :

A class has 56 boys and 35 girls

What is the number of pupils in the class ?

Solution : Number of pupils = ... + ... = ... Pupils

6 Arrange in a descending order :

29 , 105 , 501 , 290 , 92

The order : .... , ... , ... , ... , ...

7 Complete the table and choose :



Shape	Number
	....
	....
	....
	....



(a) Number of  = ... (3 , 4 , 5)

(b) Number of (....) Number of (> , = , <)

(c) Number of all shapes = ... shape (12 , 13 , 14)